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Minimum DB
Maximum DB
                                                                                                                                                                                                                                                                                                                Result
No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OM protein -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Post-processing: Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Total number of hits satisfying chosen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Word size
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                93:
   Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                Score
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           seq length: 0
seq length: 2000000000
   protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                               Issued Patents AA:*
1: /cgm2 6/ptodata/1.
2: /cgm2 6/ptodata/1.
3: /cgm2 6/ptodata/1.
4: /cgm2 6/ptodata/1.
5: /cgm2 6/ptodata/1.
6: /cgm2 6/ptodata/1.
   Query
Match Length
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94
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167.072 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        513545 segs, 74649064 residues
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Copyright
                                                                                                                                                                                                                                                                                                                                                                                                               /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*
/cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/backfIles1.pep:*
  GenCore version 5.1.6 (c) 1993 - 2005 Compugen Ltd
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                    US-07-899-535A-1
US-09-513-99C-7807
US-09-513-99C-7807
US-09-535A-3
US-07-899-535A-2
US-09-270-767-42047
US-09-485-717-2
US-09-485-717-2
US-09-948-722-2
US-09-965-383-30
US-09-270-767-44702
US-09-270-767-44702
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US-09-949-016-6524
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US-09-949-016-9608
US-09-249-016-9608
US-09-249-016-9608
US-09-249-016-9608
US-09-249-016-9608
US-09-270-767-43557
US-09-238-352-5693
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              parameters:
Sequence 4, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 2047, A
Sequence 2, Appli
Sequence 2, Appli
Sequence 30, Appli
Sequence 30, Appli
Sequence 34702, A
Sequence 25178, App
Sequence 15519, A
Sequence 17, Appli
Sequence 17, Appli
Sequence 6524, App
Sequence 46028, A
Sequence 46028, A
Sequence 46028, A
Sequence 43557, A
                                                                                                                                                                                                                                                                                                                Description
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Sequence 78
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7807, Ap
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ADDRESSEE:

Мr.

George Loud

2001 Jefferson

Davis Highway, Suite 306

45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28
σ	6	o	6	σ,	δ	6	σ	6	თ	6	σ	თ	6	თ	თ	σ	0
6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
498	498	498	498	489	487	486	486	486	481	479	460	454	454	453	433	425	393
4	w	w	ω	4.	4.	4.	4.	4.	4	4	4	4	4	4.	4	4	4.
US-09-784-984B-52	US-08-686-968C-231	US-09-232-468A-24	US-09-232-468A-18	US-09-328-352-5330	US-09-206-166-6	US-09-949-016-6216	US-09-976-594-278	US-09-914-259-35	US-09-914-259-36	US-09-252-991A-19246	US-09-248-796A-19819	US-09-134-000C-6535	US-09-107-532A-4860	US-09-328-352-4181	US-09-489-039A-9744	US-09-634-955B-19	US-09-593-653-21
Sequence 52, Appl	Sequence 231, App	Sequence 24, Appl	Sequence 18, Appl	Sequence 5330, Ap	Sequence 6, Appli	Sequence 6216, Ap	Sequence 278, App	Sequence 35, Appl	Sequence 36, Appl	Sequence 19246, A	Sequence 19819, A	Sequence 6535, Ap	Sequence 4860, Ap	Sequence 4181, Ap	Sequence 9744, Ap	Sequence 19, Appl	Sequence 21, Appl

### ALIGNMENTS

RESULT 1 US-07-899-535A-1

Sequence 1, Application US/07899535A
Patent No. 5428011
GENERAL INFORMATION:
APPLICANT: Sheth, Anil R.
APPLICANT: Garde, Seema
APPLICANT: Banchal, Chandra J.
TITLE OF INVENTION: Pharmaceutical Preparations For
TITLE OF INVENTION: Inhibiting Tumours Associated With Prostate
TITLE OF INVENTION: Adenocarcinoma, Stomach Cancer and Breast Cancer.
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:

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; HYPOTHETICAL: US-07-899-535A-1
Query Match
Best Local Similarity
Matches 94; Conserv
                                                                                                                                                                                                                                                       MEDIOM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/899,535A
FILING DATE: 16-JUN-1992
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: LOUD, GEOTGE A.
REGISTRATION NUMBER: 25,814
REFERENCE/DOCKET NUMBER: S&B-A835
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-415-0960
TELEPAX: 703-415-0962
TELEPX: 24,814
                                                                                                                                                                                                    TELEFAX: 703-415-0962
TELEX: 24 8614
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                             MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 2001 Jef:
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
                                                                                                                                             LENGTH: 94 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                 TOPOLOGY:
100.0%; ilarity 100.0%; Conservative 0
                                                                                      NO protein
                                                                                                                                   linear
 0,
Score 94; DB 1; 1
Pred. No. 8.1e-99;
D; Mismatches 0;
                                   DB 1; Length 94;
 Indels
 0;
 Gaps
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RESULT 3
US-07-899-535A-4
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; LOCATION: -20..-1
; OTHER INFORMATION: score 9
; OTHER INFORMATION: seq VVIFATFVTLCNA/SC
US-09-513-999C-7807
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 2
US-09-513-999C-7807
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Patent No. 6783961

FILE REFERENCE: 59.US2.REG
CURRENT APPLICATION NUMBER: US/09/513,999C
CURRENT FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR FILING DATE: 1999-02-26
NUMBER OF SEQ ID NOS: 36681
SOFTWARE: Patent.pm
SEQ ID NO 7807
                                                                                                                                                                                                                                                                                                                                                                                                    Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence
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COUNTRY: U.S.A.
ZIP: 22202
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: FOR PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Dumas Milne Edwards, J.B. APPLICANT: Duclert, A. APPLICANT: Giordano, J.Y.
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                                                                                                                                                                                                                                                                                                                                                                             GENERAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
                                                                                                               STREET: 2005
CITY: Arlington
CTATE: Virginia
                                                                                                                                                                                                                                  APPLICANT: Sheth, Anil R.
APPLICANT: Garde, Seema
APPLICANT: Panchal, Chandra J.
TITLE OF INVENTION: Pharmaceutical Preparations For
TITLE OF INVENTION: Inhibiting Tumours Associated With Prostate
TITLE OF INVENTION: Adenocarcinoma, Stomach Cancer and Breast Ca
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                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
                                                                                                                                                                                             ADDRESSEE: Mr. George Loud
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5. 6783961
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       94; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   n 100.0%; Score 94; DB 4; L Similarity 100.0%; Pred. No. 9.6e-99; O: Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SCYFIPNEGVPGDSTRKCMDLKGNKHPINSEMQTDNCETCTCYETBISCCTLVSTPVGYD 80
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                                                                                                                                                                                                                                                                                                                                                                                                                       Application US/07899535A
                                                                                                                                                                     2001 Jefferson Davis Highway, Suite 306
                                                                                                                                                                                                                                                       Adenocarcinoma, Stomach Cancer and Breast Cancer
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 amino acids
TYPE: amino acid
TOPOLOGY: lines-
MOLECHE P. 1110
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Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION: APPLICANT: Sheth,
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REFERENCE/DOCKET NUMBER: 86
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-415-0960
TELEFAX: 703-415-0962
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/899,535A
FILING DATE: 16-JUN-1992
CLASSIFICATION: 514
CLASSIFICATION: 514
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LENGTH: 28 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Loud, George A.
REGISTRATION NUMBER: 25,8
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Garde, Seema
APPLICANT: Panchal, Chandra J.
TITLE OF INVENTION: Pharmaceutical Preparations For
TITLE OF INVENTION: Inhibiting Tumours Associated With Prostate
TITLE OF INVENTION: Adenocarcinoma, Stomach Cancer and Breast Cancer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Release #1.0, Version CURRENT APPLICATION DATA: APPLICATION NUMBER: US/07/899,535A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: /vc
TELEFAX: /vc
TEX: 24 8614
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/0' FILING DATE: 16-JUN-1992
                                                                                                                                                                                                                          TELEPHONE: 703-415-0962
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 2001 Jef
CITY: Arlington
STATE: Virginia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity es 26; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Application US/07899535A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2001 Jefferson Davis Highway, Suite 306
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NO
                                                                                                                                                                                                                                                                                            703-415-0960
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Pred. No. 2.9e-22;
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US-09-270-767-57304
, Sequence 57304, Application US/09270767
, Patent No. 6703491
, GENERAL INFORMATION:
, APPLICANT: Homburger et al.
, TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
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                                                                                                             RESULT 6
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US-07-899-535A-3
                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 7; Conserv
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APPLICANT: Sheth, Anil R.
APPLICANT: Garde, Seema
APPLICANT: Panchal, Chandra J.
TITLE OF INVENTION: Pharmaceutical Preparations For
TITLE OF INVENTION: Inhibiting Tumours Associated With Prostate
TITLE OF INVENTION: Adenocarcinoma, Stomach Cancer and Breast Cancer.
                                                                                                                                                                                                                                                                                                                                                                                             TELEX: 24 8614
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Loud, George A.
REGISTRATION NUMBER: 25,814
REFERENCE/DOCKET NUMBER: S&B-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-415-0960
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPOTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                  HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/0 FILING DATE: 16-JUN-1992 CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY:
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STATE: Virginia
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Y: U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                   10 amino acids
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NO
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100.0%;
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; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOPTWARE: PATENTIN Ver. 2.0
; SEQ ID NO 57304
; LENGTH: 235
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
US-09-270-767-57304
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; OTHER INFORMATION: Description of Artificial Sequence: recombinant US-09-485-717-2
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                                                                                                                                                      APPLICANT: He8s, JIG9n
TITLE OF INVENTION: Tuberculosis Vaccine
FILE REFERENCE: 16862PUS
CURRENT APPLICATION NUMBER: US/09/485,717
CURRENT FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: EP 97114614.7
PRIOR FILING DATE: 1997-08-22
PRIOR APPLICATION NUMBER: PCT/EP98-05109
PRIOR APPLICATION NUMBER: PCT/EP98-05109
PRIOR FILING DATE: 1990-08-12
NUMBER OF SEQ ID NOS: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Homburger et al.

TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 42047
LENGTH: 514
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Best Local Similarity 100.0%;
Matches 7; Conservative (
                                                                                                                  SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 2, Application US/09485717 Patent No. 6673353
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Patent No. 6703491
GENERAL INFORMATION:
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                                                          TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
                                       FEATURE:
                                                                                               ENGTH: 626
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o. 13;
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Query Match

Score 7;

DB 4;

Length 626;

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RESULT 10
US-09-065-383-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Kaufmann, Stefan H. E.
APPLICANT: Hess, Jurgen
TITLE OF INVENTION: Tuberculosis Vaccine
FILE REFERENCE: 100564-00079
CURRENT APPLICATION NUMBER: US/09/948,722
CURRENT FILING DATE: 2002-04-08
PRIOR APPLICATION NUMBER: US 09/485,717
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: PCT/EP98/05109
PRIOR FILING DATE: 1998-08-12
PRIOR FILING DATE: 1998-08-12
PRIOR APPLICATION NUMBER: EP 97/114,614.7
PRIOR FILING DATE: 1997-08-23
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin version 3.1
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Matches
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Patent No. 6776993
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 30,
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Best Local
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APPLICANT:
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APPLICANT:
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APPLICANT:
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                                                                                                                                    APPLICANT: ROBERTS-RAPP, LISA
APPLICANT: RUSSELL, JOHN C.
APPLICANT: STROUPE, STEPHEN D.
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
TITLE OF INVENTION: FOR DETECTING DISEASES OF THE PROPERTY OF SEQUENCES: 33
                                                                                                                      CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                APPLICANT:
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                                                  STREET: 100 ....
                  COUNTRY: USA
ZIP: 60064-3500
                                                                                                  ADDRESSEE:
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                                                                                     100 Abbott Park Road
                                                                                                                                                                                                                                            GRANADOS, EDWARD N.
HODGES, STEVEN C.
KLASS, MICHAEL R.
KRATOCHVIL, JON D.
                                                                                                                                                                                                                                                                                                                   GORDON, JULIAN
                                                                                                                                                                                                                                                                                                                              COLPITTS, TRACEY L. FRIEDMAN, PAULA N.
                                                                                                                                                                                                                                                                                                                                                                      COHEN, MAURICE
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                                                                                                    Abbott Laboratories
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100.0%; Pred. No. 16;
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RESULT 12
US-09-270-767-54702
; Sequence 54702, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
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Query Match
Best Local Similarity
Watches 6; Conserve
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Best Local Similarity
Marches 6; Conserve
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                                                                                                                       US-09-270-767-39485
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                                                                                                                                                                                         APPLICANT: Homburger et al.

TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094

CURRENT APPLICATION NUMBER: US/09/270,767

CURRENT FILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 39485

LENGTH: 666

LENGTH: 666
                                                                                                                                                                                                                                                                                                                                      Patent No. 6703491 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                    Sequence 39485, Application US/09270767
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: 08/842,38
APPLICATION NUMBER: 1997
ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 6084
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/335-1729
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                    ORGANISM: Drosophila melanogaster FEATURE:
                                                                                                                                    OTHER INFORMATION: Xaa means any amino acid
                                                                                                                                                                                    TYPE: PRT
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STRANDEDNESS: sing
STRANDEDNESS: linear
TOPOLOGY: linear
No. 6391543e
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OPERATING SYSTEM: DOS
SOFTWARE: Fast-SEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
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24
                 71 EDCKYI 76
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EDCKYI
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Pred. No.
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                                                            Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Xaa means any amino acid US-09-270-767-54702
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                  Query Match
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 Best Local Similarity
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CURRENT APPLICATION NUMBER: US/99/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
NOSPIMARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/017670

PILING DATE: 14-MAY-1996

ATTORNEY/AGENT INFORMATION:

NAME: Gimmi, Edward R

REGISTRATION NUMBER: 95,891

REFERENCE/DOCKET NUMBER: P50475

TELECOMMUNICATION INFORMATION:

TELEPHONE: 610-270-4478
                                                                                                                                                             INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 66
TYPE: PRT
ORGANISM: Drosophila melanogaster
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: FASTSEQ for Windows Version 2.0 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/858,207A FILING DATE: 09-MAY-1997 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Hodgson, John
APPLICANT: Knowles, David
APPLICANT: Nicholas, Richard
APPLICANT: Stodola, Robert
TITLE OF INVENTION: No. 6348328el Compounds
NUMBER OF SEQUENCES: 552
                                                                       MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
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                                                                                                     TYPE: amino a
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CITY: King of Prussia
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
ZIP: 19406-0939
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                                                                                                                                          104 amino acids
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                                                                       No. 6348328e
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Score 6; Pred. No.
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DB 3;
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                Length 104;
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; LENGTH: 114
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-25178
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                                                                                                                                 ; ORGANISM: Myxococcus xanthus US-09-902-540-15519
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US-09-252-991A-25178
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LENGTH: 165
TYPE: PRT
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Patent No. 6551795
GENERAL INFORMATION:
                                                                Matches
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Best Local Similarity
Matches 6; Conser
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TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof
FILE REFERENCE: 38-10 (15849)B
CURRENT APPLICATION NUMBER: US/09/902,540
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: 60/217,883
PRIOR FILING DATE: 2000-07-10
NUMBER: OF SEQ ID NOS: 16825
                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No. 683344'
                                                                                                                                                                                                                                                                                                                                   APPLICANT: Goldman, Barry S.
APPLICANT: Hinkle, Gregory J.
APPLICANT: Slater, Steven C.
APPLICANT: Wiegand, Roger C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/09/252,991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Marc J.
TITLE OF INVENTION:
TITLE OF INVENTION:
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PRIOR FILING DATE: 1998-0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: 107196.136
                                                                Local Similarity
86
                               53 VSTPVG 58
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VSTPVG 91
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UMBER: US 60/094,190
1998-07-27
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NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS ABRUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
                                                                               6.4%; Score 6;
100.0%; Pred. No.
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100.0%; Pred. No. 47
tive 0; Mismatches
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                                                                             DB 4;
o. 65;
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                                                                                               Length 165;
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Result
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Maximum DB
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Perfect score:
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                                                                                                                                                                                                                                             Score
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Match Length
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US-09-977-406A-1
US-10-291-360-1
US-10-857-358-1
US-10-948-229-1
US-11-004-270-1
US-11-004-273-1
US-09-977-406A-2
US-10-291-360-2
US-10-857-358-2
US-10-948-229-2
US-11-004-270-2
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# ALIGNMENTS

US-09-977-406A-1

Sequence 1, Application US/09977406A Publication No. US20030170220A1 GENERAL INFORMATION:

APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
FILE REFERENCE: 06508-030-US-03

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SOFTWARE: Patentin version 3.1

SEQ ID NO 1

LENGTH: 94

TYPE: PRT

ORGANISM: Homo sapiens
PUBLICATION INFORMATION:
AUTHORS: Ulvsback, M., Lindstrom, C., Weiber, H., Abrahar
AUTHORS: Ulvsback, M., Lindstrom, C., Weiber, H., Abrahar
TITLE: Molecular cloning of a small prostate protein, knc
TITLE: moncysentent tissues
JOURNAL: Biochem. Biophys. Res Commun.

VOLUME: 164
ISSUE: 3

PAGES: 1310-1315
DATE: 1989
DATE: 1989
US-09-977-406A-1
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CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: CA 2,321,256
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: CA 2,355,334
PRIOR FILING DATE: 2001-08-20
NUMBER OF SEQ ID NOS: 92
                DATABASE ACCESSION NUMBER: GI 131436
DATABASE ENTRY DATE: 1988-08-01
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demonstration
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Sequence Sequence Sequence

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PRIOR APPLICATION NUMBER: CA 2,361,736
PRIOR FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin version 3.1
SEG ID NO 1
LENGTH: 94
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Sequence 1, Application US/10857358
Publication No. US20050026833A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PSP-94: Use for Treatment of Hypercalcemia and Bone metastasis
FILE REFERENCE: 06508-15-3
CURRENT APPLICATION NUMBER: US/10/857,358
CURRENT FILING DATE: 2004-06-01
PRIOR APPLICATION NUMBER: CA 2,361,736
PRIOR APPLICATION NUMBER: US 10/291,360
PRIOR APPLICATION NUMBER: US 10/291,360
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Publication No. US20030119744A1
GENERAL INFORMATION:
APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PSP-94: Use for Treatment of Hypercalcemia and Bone metastasis
FILE REFERENCE: 06508-051-US-02
CURRENT APPLICATION NUMBER: US/10/291,360
CURRENT FILING DATE: 2002-11-08
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Best Local
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PUBLICATION INFORMATION:
AUTHORS: Ulvsback, M., Lindstrom, C., Weiber, H., Abrahamson,
AUTHORS: Lundwall, A"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE: Molecular cloning of a small prostate protein, TITLE: microsemenoprotein, PSP94 or beta-inhibin, and TITLE: non-genital tissues.
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DATABASE ENTRY DATE: 1988-08-01
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Pred. No. 3.2e-93;
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Pred. No. 3.2e-93;
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                                                                                                                                                                        ; TYPE: PRT ; ORGANISM: Homo sapiens US-10-948-229-1
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SEQ ID NO 1
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APPLICANT: Panchal, Chandra
APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
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SEQ ID NO 1
LENGTH: 94
TYPE: PRT
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PRIOR EILING DATE: 2003-09-26
NUMBER OF CENTRE 2003-09-26
                                                                                                                                                                                                                                                                                                      FILE REFERENCE: BKP-022
CURRENT APPLICATION NUMBER: US/10/948,229
CURRENT FILING DATE: 2004-09-24
                                                                                                                                                                                                                                                SOFTWARE: PatentIn version 3.3
                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 91
                                                                                                                                                                                                                                                                                                                                                APPLICANT: Garde, Seema TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         VOLUME: 164
ISSUE: 3
PAGES: 1310-1315
DATE: 1989
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DATABASE ENTRY DATE: 1988-08-01
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                         KDNCQRIFKKEDCKYIVVEKKDPKKTCSVSEWII 94
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Pred. No. 3.2e-93;
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RESULT 5

Publication No.

Application US/11004270 No. US20050147601A1

GENERAL INFORMATION:

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; TYPE: PRT ; ORGANISM: Homo sapiens US-11-004-273-1
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                                                                                               FILE REFERENCE: BKP-021
CURRENT APPLICATION NUMBER: US/11/004,273
CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
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SEQ ID NO 1
LENGTH: 94
TYPE: PRT
ORGANISM: Homo sapiens
5-11-004-270-1
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APPLICANT: Wu, Jir
APPLICANT: Belive,
APPLICANT: Ruiz, N
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                                                                    SOFTWARE: PatentIn SEQ ID NO 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Hawkins, Robert TITLE OF INVENTION AND ADHESION
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                                                   ENGTH: 94
                                                                                                                                                                                                                                               TLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
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Annabi, bu
mv, Sylvie
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Daigneault, Luc
Hawkins, Robert
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Beliveau, Richard
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Daigneault, Luc
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                                                                                                                                                                                                                                                                                                                                                                                                                             l, Chandra J.
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                                                                                                                                                                                                                                                                                                                                      Borhane
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS ANI
FILE REFERENCE: 06508-030-US-03
CURRENT APPLICATION NUMBER: US/09/977,406A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: CA 2,321,256
PRIOR PILING DATE: 2000-10-16
PRIOR PILING DATE: 2000-10-16
PRIOR PILING DATE: 2000-0-0-10-16
PRIOR PILING DATE: 2001-08-20
NUMBER OF SEQ ID NOS: 92
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Best Local S
Matches 94
                                                                                                           SOFTWARE: PatentIn version 3.1 SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                       Sequence 2, Application US/10291360
Publication No. US20030119744A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/291,360
CURRENT FILLING DATE: 2002-11-08
PRIOR APPLICATION NUMBER: CA 2,361,736
PRIOR FILING DATE: 2001-11-08
                                                                                                                                                                                                                                                            APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PSP-94: Use for Treatment
FILE REFERENCE: 06508-051-US-02
                                                                                                                                                       NUMBER OF SEQ ID NOS: 6
                           TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
OTHER INFORMATION: recombinant human PSP94 (rHuPSP94) produced from yeast
                    FEATURE:
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                                                                                  ENGTH: 102
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Local Similarity 100.0%;
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Pred. No. 3.4e-93;
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Publication No. US20050026833A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PSP-94: Use for Treatment of Hypercalcemia and Bone metastasis
FILE REFERENCE: 06508-153
CURRENT APPLICATION NUMBER: US/10/857,358
CURRENT FILING DATE: 2004-06-01
PRIOR APPLICATION NUMBER: CA 2,361,736
PRIOR APPLICATION NUMBER: US 10/291,360
PRIOR FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin version 3.1
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 2, Application US/10948229 Publication No. US20050096273A1 GENERAL INFORMATION:
                                                                                        SOFTWARE: PatentIn version 3.3 SEQ ID NO 2
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Best Local Similarity
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                                                                                                                             APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
APPLICANT: Hawkins, Robert
APPLICANT: Ruiz, Marcia
APPLICANT: Garde, Seema
TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
FILE REFERENCE: BKP-022
CURRENT APPLICATION NUMBER: US/10/948,229
CURRENT FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEO ID NOS: 91
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APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
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TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
FEATURE:
                 TYPE: PRT
ORGANISM: Artificial Sequence
                                                                     LENGTH: 102
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APPLICANT: APPLICANT: APPLICANT:

Ruiz, Marcia Garde, Seema Annabi, Borhane

APPLICANT: Panchal, Chandra J. APPLICANT: Wu, Jinzi APPLICANT: Beliveau, Richard

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APPLICANT: Lamy, Sylvie

APPLICANT: Bouzeghrane, Mounia

APPLICANT: Bouzeghrane, Mounia

APPLICANT: Baigneault, Luc

APPLICANT: Hawkins, Robert

TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION

PILE REFERENCE: BKF-020

CURRENT APPLICATION NUMBER: US/11/004,270

CURRENT FILING DATE: 2004-12-02

PRIOR APPLICATION NUMBER: US 10/948,229

PRIOR APPLICATION NUMBER: CA 2,441,695

PRIOR FILING DATE: 2004-09-24

PRIOR PILING DATE: 2003-09-26

NUMBER OF SEQ ID NOS: 99

SOFTWARE: PatentIn version 3.3

SEQ ID NO 2

LENGTH: 102
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US-11-004-270-2
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                                                               RESULT 12
US-11-004-273-2
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Sequence 2, Application US/11004273
Publication No. US20050148514A1
GENERAL INFORMATION:
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Best Local (
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 102
TYPE: PRT
ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                               69
                                                                                                                                                                      61 KDNCQRIFKKEDCKYIVVEKKDPKKTCSVSEWII 94
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                                                                                                                                                                                                                                                                                                             94;
                                                                                                                                                                                                                                                                                                                               Similarity
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                                                                                                                                               KDNCQRIFKKEDCKYIVVEKKDPKKTCSVSEWII 102
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Annabi, Borhane
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                                                                                                                                                                                                                                                                                                    100.0%; Score 94; DB 20; ilarity 100.0%; Pred. No. 3.4e-93; Conservative 0; Mismatches 0:
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APPLICANT: Wantanabe, Yoshihiro
APPLICANT: Wantanabe, Yoshihiro
APPLICANT: Wantanabe, Yoshihiro
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THEI
TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
FILE REFERENCE: 210121.427C27
CURRENT APPLICATION NUMBER: US/10/012,896
CURRENT FILLING DATE: 2001-12-10
NUMBER OF SEQ ID NOS: 1011
SOFTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 1003
LENGTH: 114
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APPLICANT:
APPLICANT:
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TYPE: PRT
ORGANISM: Artificial
FEATURE:
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PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Hawkins, Robert
TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
FILE REFERENCE: BKP-021
CURRENT APPLICATION NUMBER: US/11/004,273
CURRENT FILING DATE: 2004-12-02
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SOFTWARE: PatentIn version 3.3
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Bouzeghrane, Mounia
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Vedvick, Thomas S.
Carter, Darrick
Li, Samuel X.
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Mitcham, Jennifer L.
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Hepler, William T.
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Vinals de Bassols, Carlota
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Pred. No. 3.4e-93;
Mismatches 0;
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-205-823-271
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; ORGANISM: Homo sapiens
US-10-012-896-1003
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SOFTWARE: FastSEQ
SEQ ID NO 271
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Best Local
                                                                                                                                     Matches
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                                                                                                                                                                   Query Match
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                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/325,020 PRIOR FILING DATE: 2001-09-25 PRIOR APPLICATION NUMBER: 60/341,746 PRIOR FILING DATE: 2001-12-12 PRIOR APPLICATION NUMBER: 60/362,158
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APPLICANT: Monahan, John E.
APPLICANT: Endege, Wilson O.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Anderson, Dustin
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS,
TITLE OF INVENTION: METHODS FOR IDENTIFICATION, ASS
TITLE OF INVENTION: THERAPY OF PROSTATE CANCER
                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR FILING DATE: 2001-07-25
PRIOR APPLICATION NUMBER: 60/314,356
PRIOR FILING DATE: 2001-08-22
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CURRENT FILING DATE: 2002-07-25
PRIOR APPLICATION NUMBER: 60/307,982
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                                                                                                                                                                                                                                                                                                                       PRIOR FILING DATE: 2002-03-05
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                                                                                                                                                                                                                                                     LENGTH: 114
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81
                                61 KDNCQRIFKKEDCKYIVVEKKDPKKTCSVSEWII 94
                                                                                                                                  94;
                                                                                     1 SCYFIPNEGVPGDSTRKCMDLKGNKHPINSEWQTDNCETCTCYETEISCCTLVSTPVGYD
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Kamatkar, Shubhangi
Wonsey, Angela M.
Glatt, Karen
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                                                                SCYFIPNEGVPGDSTRKCMDLKGNKHPINSEWQTDNCETCTCYETEISCCTLVSTPVGYD
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 KUNCORIFKKEDCKYIVVEKKUPKKTCSVSEWII
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Gorbatcheva, Bella
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                                                                                                                                   Conservative
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                                                                                                                                                   100.0%; Score 94; DB 14; 100.0%; Pred. No. 3.8e-93;
                                                                                                                                0;
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Pred. No. 3.8e-93;
); Mismatches 0;
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114
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RESULT 15 US-10-144-678A-1003 ; Sequence 1003, Application US/10144678A

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APPLICANT: Li, Samuel X.

APPLICANT: Li, Samuel X.

APPLICANT: Li, Samuel X.

APPLICANT: Wang, Aijun

APPLICANT: Skeiky, Yasir A. W.

APPLICANT: Hepler, William T.

APPLICANT: Houghton, Raymond L.

APPLICANT: Houghton, Raymond L.

APPLICANT: Watanabe, Yoshihiro

APPLICANT: Watanabe, Yoshihiro

APPLICANT: Watanabe, Yoshihiro

APPLICANT: Deng, Ta

APPLICANT: Deng, Ta

APPLICANT: Deng, Ta

APPLICANT: Deng, Ta

COMPOSITIONS AND METHODS FOR THE THERAPY AND

TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER

FILE REFERENCE: 210121.427C28

CURRENT FILING DATE: 2002-08-12

NUMBER OF SEQ ID NOS: 103

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 1003

LENGTH: 114

TYPE: PRT

ORGANISM: Homo sapiens

US-10-144-678A-1003
Search completed: July 27, 2005, 20:22:23 Job time : 155 secs
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GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
APPLICANT: Dillon, Davin C.
                                                                                                                                                                                                                                                    Query Match 100.0%; Score 94; DB 14; Length 114; Best Local Similarity 100.0%; Pred. No. 3.8e-93; Matches 94; Conservative 0; Mismatches 0; Indels
                                                                                                             61 KDNCQRIFKKEDCKYIVVEKKDPKKTCSVSEWII 94
                                                                                                                                                                   21 SCYFIPNEGVPGDSTRKCMDLKGNKHPINSEMQTDNCETCTCYETEISCCTLVSTPVGYD 80
                                                                                     81 KDNCQRIFKKEDCKYIVVEKKDPKKTCSVSEWII 114
                                                                                                                                                                                              1 SCYFIPNEGVPGDSTRKCMDLKGNKHPINSEWQTDNCETCTCYETEISCCTLVSTPVGYD 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Vedvick,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Henderson, Robert A. Kalos, Michael D.
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Harlocker, Susan L.
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Result
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Perfect score:
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Maximum Match 100%
Listing first 45 summaries
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1: /cgn2_6/ptodata/1/
2: /cgn2_6/ptodata/1/
3: /cgn2_6/ptodata/1/
4: /cgn2_6/ptodata/1/
5: /cgn2_6/ptodata/1/
6: /cgn2_6/ptodata/1/
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length: 2000000000
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145.592 Million cell updates/sec
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Match Length
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/cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/backfiles1.pep:*
     GenCore version 5.1.6 (c) 1993 - 2005 Compugen Ltd
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US-09-949-016-6510

US-09-949-016-11522

US-09-949-016-11522

US-09-905-775A-12

US-09-905-775A-12

US-09-906-700-12

US-09-901-603A-12

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US-09-904-920A-12

US-09-905-381A-12

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US-09-905-381A-24

US-09-905-381A-24

US-09-905-385A-24

US-09-907-767-56428

US-09-270-767-56428

US-09-985-526-1

US-09-489-039A-11260

US-09-489-039A-11260
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Sequence 1, Appli
Sequence 7807, Ap
Sequence 11112, A
Sequence 133, Ap
Sequence 44, Appl
Sequence 44, Appl
Sequence 11522, A
Sequence 12, Appl
Sequence 24, Appl
Sequence 54, Appl
Sequence 11, Appli
Sequence 11, Appli
Sequence 11260, A
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44.5 45.9 290 4 US-09-543-681A-6461 44.5 45.9 1052 2 US-09-163-669-2 44.5 45.9 1052 3 US-09-163-669-2 44.4 45.4 6627 4 US-10-246-658-4 44 45.4 6685 4 US-10-246-658-2 43 44.3 90 4 US-09-613-990-5586 43 44.3 376 4 US-09-466-005-1 43 44.3 376 4 US-09-466-005-1 43 44.3 376 4 US-09-167-536A-11 42 43.3 771 1 US-09-170-767-60104 42 43.3 115 4 US-09-270-767-41534 42 43.3 115 4 US-09-270-767-44651 42 43.3 201 4 US-09-270-767-44651 42 43.3 201 4 US-09-270-767-8661 42 43.3 459 3 US-09-118-319-6 42 43.3 459 3 US-09-118-319-6 42 43.3 459 3 US-09-687-147-2 42 43.3 459 3 US-09-687-147-2	45	44	43	42	41	40	39	38	37	36	35	34	ယ	32	31	30	29	
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	Patent No. 5196333	<ol> <li>Appli</li> </ol>	2, Appli	6, Appl:	58661, 1	44651, /	41534,	60104,	30, Appl	11, Appl	1, Appli	5586, Ap	2, Appli	4, Appl	2, Appl	2, Appl	6461, A	

#### ALIGNMENTS

RESULT 1 US-07-899-535A-1

Patent No. Sequence

1, Application US/07899535A >. 5428011

GENERAL INFORMATION:
APPLICANT: Sheth, Anil R.
APPLICANT: Garde, Seema
APPLICANT: Garde, Chandra J.
TITLE OF INVENTION: Pharmactical Preparations For
TITLE OF INVENTION: Inhibiting Tumours Associated With Prostate
TITLE OF INVENTION: Adenocarcinoma, Stomach Cancer and Breast Ca

Adenocarcinoma, Stomach Cancer and Breast Cancer.

NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:

STREET: ADDRESSEE:

E: Mr. George Loud 2001 Jefferson Dav

Davis Highway, Suite 306

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Query Match
Best Local Similarity
Thes 15; Conserve
                                                                                        ; MOLECULE TYPE:
; HYPOTHETICAL:
US-07-899-535A-1
                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/899,535A
FILING DATE: 16-JUN-1992
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: LOUD, George A.
REGISTRATION NUMBER: 25,814
REGISTRATION NUMBER: 25,814
                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: SEQUENCE CHARACTERISTICS: 94 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION: TELEPHONE: 703-415-0960
                                                                                                                                                                                                                                                TELEPHONE: 703-415-09
TELEFAX: 703-415-0962
TELEX: 24 8614
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
                                                                                                                                             STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                           i: 94 amino acids amino acid
                100.0%; Score 97; DB 1; I ilarity 100.0%; Pred. No. 4.3e-06; Conservative 0; Mismatches 0;
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                                                                                                                         ; ORGANISM: Human
US-09-949-016-11112
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                                                  Query Match
Best Local Similarity
Matches 7; Conserv
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FILE REFERENCE: 59.US2.REG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 7807, Appropriate Patent No. 67839
                                                                                                                                                                                              SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 11112
                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: VENTER, J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Patent No. 681233
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SEO ID NO 7807
                                                                                                                                                                                                                                                                                                                                                   APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS
FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              -09-949-016-11112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR FILING DATE: 1999-02-26
NUMBER OF SEQ ID NOS: 36681
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/513,999C CURRENT FILING DATE: 2000-02-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Duclert, A. APPLICANT: Giordano, J.Y.
                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 60/237,768
PRIOR TILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 207012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SIGNAL
LOCATION: -20..-1
OTHER INFORMATION: score 9
OTHER INFORMATION: seq VVIFATFVTLCNA/SC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Dumas Milne Edwards, J.B
                                                                                                                                                             TYPE: PRT
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                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 60/241,755
FILING DATE: 2000-10-20
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WQTDNCETCTC 12
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                                                        Conservative
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                                                      Score 52; DB Pred. No. 38; 1; Mismatches
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                              FILE REFERENCE: CL001307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR FILING DATE: 2000-10-20

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR FILING DATE: 2000-10-03

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR PRILING DATE: 2000-09-08

PRIOR FILING DATE: 2000-09-08

PRIOR FILING DATE: 2000-09-08
                                                                                                                                                                                                                                                                                                                                  US-09-949-016-6333
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                                                                                                                                                                                                                                                       GENERAL INFORMATION: APPLICANT: VENTER, J.
                                                                                                                                                                                                                                                                                            Sequence 6333, App
Patent No. 6812339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 19, Application US/08313288B Patent No. 5750502
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
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APPLICANT: Jessel
                                                                                                                                                                                                          APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISBASE, METHODS OF DETECTION AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEX:
INFORMATION FOR SEQ ID NO:
                    NUMBER OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 1172 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REFERENCE/DOCKET NUMBER: 40
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity nes 7; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/313,288B FILING DATE: January 5, 1995 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 10036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                               333 WVVDSCTTCTC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    412 WVVDSCTTCTC 422
                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 WOTDNCETCTC 12
SEQ ID NOS: 207012
FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          E: Cooper & Dunham LLP
1185 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (212) 391-0526
                                                                                                                                                                                                                                                                                                              Application US/09949016
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 52;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        core 52; DB ced. No. 42; Mismatches
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; LENGTH: 466
; TYPE: PRT
; ORGANISM: Mouse
US-09-724-864-44
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Best Local Similarity
""" hes 7; Conserve
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US-09-724-864-44
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                                                     US-09-949-016-6910
                                                                                                                                                  PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR PPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
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LENGTH: 1172
                                                                                      SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 6910
LENGTH: 1036
TYPE: PRT
Query Match
Best Local Similarity
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                              Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Watson, James G.
APPLICANT: Murison, James G.
TITLE OF INVENTION: Polynucleotides, polypeptides expressed
TITLE OF INVENTION: by the polynucleotides and methods for their use.
FILE REFERENCE: 11000.1050U1
FILE REFERENCE: 11000.115709/724,864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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Patent No. 638036
                                                                                                                                                                                                                                                                                                  APPLICANT: VENTER, J. Craig et al.
TITLE OP INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OP INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES
FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/724,864
CURRENT FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: U.S. No. 6380362 60/171,678
PRIOR FILING DATE: 1999-12-23
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PRIOR FILING DATE: 1999-1
NUMBER OF SEQ ID NOS: 72
                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
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ORGANISM: Human
                                                                    TYPE: PRT
ORGANISM: Human
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o. 6812339
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7; Conserva
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 50.5%;
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Pred. No.
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Pred. No.
 Score 49;
Pred. No.
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42;
 DB 4;
93;
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                   Length 1036;
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CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
APPLICANT: Paoni, Ni
APPLICANT: Roy, Margy
APPLICANT: Stewart,
APPLICANT: Tumas, Da
APPLICANT: Williams,
APPLICANT: Wood, Will
TITLE OF INVENTION: S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 11522
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APPLICANT: VENTER, J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             sequence 11522, Ap
Patent No. 6812339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 12, Application US/09907794A
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TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
                                                                                                                                              APPLICANT:
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APPLICANT:
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NUMBER OF SEQ ID NOS: 207012
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Local Similarity 50.0%;
es 6; Conservative
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Ashkenazi, Avi
Botstein, David
                                                                                                                                            Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  WOTDNCETCTCY 13
                  Williams, P. Mickey
Wood, William, I.
VENTION: Secreted and Transmembrane Polypeptides and Nucleic
                                                                               Roy, Margaret Ann
Stewart, Timothy A.
                                                                  Tumas, Daniel
                                                                                                                                                                                                           Godowski, Paul J.
Grimaldi, Christopher J.
                                                                                                                                                                                                                                            Goddard, A.
                                                                                                                                                                                                                                                        Gerritsen, Mary E.
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Filvaroff, Bllen
                                                                                                                                                                                                                                                                                                                                                       Desnoyers, Luc
Eaton, Dan L.
                                                                                                               Paoni, Nicholas F.
                                                                                                                                                                                                                                                                                                        Fong,
                                                                                                                                 Pan, James
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Pred. No.
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94;
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RESULT 10
US-09-905-125A-12
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Best Local :
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SEQ ID NO 12
                                                                                                                                                                                                                                                                 Sequence 12, Application US/09905125A Patent No. 6664376
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APPLICANT:
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PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
                                                                       APPLICANT:
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PRIOR
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CURRENT FILING DATE: 2001-07-17
                                                                                                           APPLICANT:
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TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR
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PRIOR FILING DATE: 2000-02-22
                          PPLICANT
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APPLICATION NUMBER: PCT/US99/20594
FILING DATE: 1999-09-08
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FILING DATE: 1999-09-13
APPLICATION NUMBER: PCT/US99/21090
FILING DATE: 1999-09-15
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APPLICATION NUMBER: PCT/US99/30095
FILING DATE: 1999-12-16
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FILING DATE: 1990-19-07
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APPLICATION NUMBER: PCT/US99/28214
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                                                                                                                                                                                                                                                    INFORMATION:
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Similarity 70.0%;
7; Conservation
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Goddard, A.
Godowski, Paul J.
Grimaldi, Christo
                                     Gerber, Hanspeter
Gerritsen, Mary E.
Goddard, A.
                                                                             Fong, buck....
Gao, Wei-Qiang
                                                                                                                        Filvaroff, Ellen
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Eaton, Dan L.
                                                                                                                                                                                            Ashkenazi, Avi
Botstein, David
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     Christopher J.
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RESULT 11
US-09-902-775A-12
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PRIOR FILING DATE: 2000-02-22
PRIOR FILING DATE: 1990-07-07
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR PLING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR APPLICATION NUMBER: PCT/US99/20944
Sequence 12, Application US/09902775A Patent No. 6686451 GENERAL INFORMATION:
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PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
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                                                                                                                                                                                                                                        Local
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APPLICATION NUMBER: PCT/US99/28564
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FILING DATE: 1999-10-05
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Williams, P. Mickey
Wood, William, I.
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Kljavin, Ivar J.
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APPLICANT: Genentech, Inc. APPLICANT: Ashkenazi, Avi APPLICANT: Botstein, Davi

Botstein, David

PPLICANT: PPLICANT:

Filvaroff, Eaton, Desnoyers,

Napoleone f, Ellen

Ferrara,

Dan

Luc

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; LENGTH: 164
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-902-775A-12
                                                    Query Match
Best Local (
                                    Matches
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PRIOR FILING DATE: 2000-01-05
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PRIOR FILING DATE: 2000-02-22
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CURRENT FILING DATE: 2001-07-10
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OR FILING DATE: 1999-07-07
OR APPLICATION NUMBER: US 60/145,698
OR FILING DATE: 1999-07-26
OR APPLICATION NUMBER: US 60/146,222
OR APPLICATION NUMBER: US 60/146,222
OR FILING DATE: 1999-07-28
OR APPLICATION NUMBER: PCT/US99/20594
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Wood, William,
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Mather, Jennie P.
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Grimaldi, Christopher J.
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Gerritsen, Mary E.
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Hillan, Kenneth, J.
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US-09-906-700-12
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PRIOR APPLICATION NUMBER:
PRIOR FILING DATE
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APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
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CURRENT FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
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PRIOR APPLICATION NUMBER: US 60/146,222
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APPLICATION NUMBER: PCT/US99/30999
FILING DATE: 1999-12-20
APPLICATION NUMBER: PCT/US00/00219
FILING DATE: 2000-01-05
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Hillan, Kenneth, J.
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Ferrara, Napoleone
Filvaroff, Ellen
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Stewart, Timothy A.
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Grimaldi, Christopher
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; LENGTH: 164
; TYPE: PRT
; ORGANISM: Homo s
US-09-906-700-12
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                                                                                                                                         CURRENT APPLICATION UNMBER: US/09/903,603A
CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR PELING DATE: 1999-07-07
PRIOR PELING DATE: 1999-07-07
PRIOR PELING DATE: 1999-07-26
PRIOR PELING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR PELICATION NUMBER: US 60/146,222
PRIOR PELING DATE: 1999-07-28
PRIOR PELING DATE: 1999-09-08
PRIOR PELING DATE: 1999-09-08
PRIOR PELING DATE: 1999-09-13
PRIOR PELING DATE: 1999-09-13
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                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: GNE.1618P2C12
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FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214
FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US99/28313
                                                                                          APPLICATION NUMBER: PCT/US99/21090
FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/21547
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6767995
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Hillan, Kenneth, J.
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Botstein, David
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art, Timothy A.
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f, Ellen
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Pred. No. 30;
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APPLICANT: Tunas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Williams, P. Mickey
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,920A
CURRENT APPLICATION NUMBER: US/09/904,920A
CURRENT FILING DATE: 1000-02-22
PRIOR FILING DATE: 1000-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1909-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1909-07-08
PRIOR FILING DATE: 1909-09-08
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LENGTH: 164
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PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
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TYPE: PRT
ORGANISM: Homo sapiens
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FILING DATE: 1999-12-16
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FILING DATE:
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Ashkenazi, Avi
Botstein, David
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Roy, Margaret Ann
Stewart, Timothy A.
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Grimaldi, Christopher
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Filvaroff, Ellen
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Pred. No.
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NUMBER OF SEQ ID NOS: 423
SEQ ID NO 12
LENGTH: 164
TYPE: PRT
ORGANISM: Homo sapiens
US-09-904-920A-12
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US-09-909-064-12
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           APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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REFERENCE: 10466-14
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FILING DATE: 1999-11-30
APPLICATION NUMBER: PCT/US99/28564
FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/28565
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APPLICATION NUMBER: PCT/US99/30095
FILING DATE: 1999-12-16
APPLICATION NUMBER: PCT/US99/30911
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FILING DATE: 1999-11-29
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No. 6818449
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Similarity 70.0%;
7; Conservative
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Ashkenazi, Avi
Botstein, David
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Gao, Wei-Qiang
Gerber, Hanspeter
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Mather, Jennie P.
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Hillan, Kenneth, J.
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                                                                                                                                                                                                                                                                                                                                         Ferrara, Napoleone
Filvaroff, Ellen
                                                                                                                                                                                                                                                                                                                                                                         Desnoyers, Luc
Eaton, Dan L.
                                                                                                                                                                                                                            Grimaldi, Christopher J.
                                                                                                                                                                                                                                                            Goddard, A.
                                                                                                                                            James
                                                                                                                                                                                                                                             Paul J.
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Pred. No. 30;
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PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR FILING DATE: 1999-11-29
PRIOR FILING DATE: 1999-11-29
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR FILING DATE: 1999-12-02
PRIOR FILING DATE: 1999-12-02
                                                                                   Query Match
Best Local Similarity
Matches 7; Conserv
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PRIOR
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PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: PCT/US00/00219 PRIOR FILING DATE: 2000-01-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/09/909,064
CURRENT FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 423
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: PCT PRIOR FILING DATE: 1999-09-15
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PRIOR FILING DATE: 1999-09-13
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PRIOR FILING DATE: 1999-09-08
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PRIOR APPLICATION NUMBER: US 60/145,698
                                                                                                                                                                                                       LENGTH: 164
TYPE: PRT
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 1999-12-20
120 DNCNRCTCQE
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                                             DNCETCTCYE 14
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  129
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                                                                                                               Score 47; DB
Pred. No. 30;
                                                                                                                                    4.
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Search completed: July 27, 2005, 19:28:39 Job time : 9.69091 secs

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Minimum DB
Maximum DB
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Maximum Match 100%
Listing first 45 summaries
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Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           seq length: 0
seq length: 2000000000
Published Applications AA:*

1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*

2: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*

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10: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*

11: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*

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20: /cgn2_6/ptodata/1/pubpaa/US108_PUBCOMB.pep:*

20: /cgn2_6/ptodata/1/pubpaa/US108_PUB.pep:*

21: /cgn2_6/ptodata/1/pubpaa/US108_PUB.pep:*
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Gapop 10.0 , Gapext 0.5
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97
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Copyright (c) 1993 - 2005 Compugen Ltd.
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

110 10 10 10 10 10	Result No.
97 97 97 97 97 97	Score
110000000000000000000000000000000000000	Query Match
166 1155 1155 1155 1155 1155 1155 1155	Query Match Length DB
10 20 20 10 10	BB
US-10-977-406A-5 US-10-291-360-5 US-10-291-360-5 US-10-948-229-5 US-10-948-229-7 US-11-004-270-7 US-11-004-273-5 US-11-004-273-7 US-11-004-273-7 US-11-004-273-7 US-09-977-406A-10 US-09-977-406A-59	ID
Sequence 5, Appli Sequence 5, Appli Sequence 5, Appli Sequence 5, Appli Sequence 7, Appli Sequence 7, Appli Sequence 7, Appli Sequence 7, Appli Sequence 7, Appli Sequence 7, Appli Sequence 9, Appli Sequence 9, Appli Sequence 90, Appli	Description

RESULT 2

# ALIGNMENTS

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PRIOR APPLICATION NUMBER: CA 2,355,334
PRIOR FILING DATE: 2001-08-20
NUMBER OF SEQ ID NOS: 92
SOFTMARE: Patentin version 3.1
SEQ ID NO 5
LENGTH: 15
TYPE: PRT
ORGANISM: Artificial Sequence
FRATURE:
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                                                                                                                                               ; OTHER INFORMATION: PCK3145 (polypeptide 31-45) US-09-977-406A-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-977-406A-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 5, Application US/09977406A Publication No. US20030170220A1 GENERAL INFORMATION:
                                                                                           Query Match
Best Local (
                                                                         Matches
                                                                                                                                                                                                                                                                                                                                                       APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
FILE REFERENCE: 06508-030-US-03
CURRENT EPPLICATION NUMBER: US/09/977,406A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: CA 2,321,256
PRIOR FILING DATE: 2000-10-16
                                                                                             Similarity
                         EWQTDNCETCTCYET 15
EWOTDNICETCTICYET 15
                                                                     100.0%; ilarity 100.0%; Conservative 0
                                                                       0,
                                                                       Score 97; DB 10;
Pred. No. 3.4e-06;
); Mismatches 0;
                                                                                                           Length 15;
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                                                                       Gaps
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Sequence 5, Application US/10948229
Publication No. US2005096273A1
GENERAL INFORMATION:
APPLICANT: Panchal, Chandra J
APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
APPLICANT: Ruiz, Marcia
APPLICANT: Ruiz, Marcia
                                                                                                                                                                   US-10-948-229-5
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US-10-857-358-5
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; OTHER INFORMATION: PCK3145 (polypeptide 31-45)
US-10-291-360-5
                                                                                                                                                                                     RESULT 4
                                                                                                                                                                                                                                                                                                                                                                                                             US-10-857-358-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PILE REFERENCE: 06508-153
CURRENT APPLICATION NUMBER: US/10/857,358
CURRENT FILING DATE: 2004-06-01
PRIOR APPLICATION NUMBER: CA 2,361,736
PRIOR FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US 10/291,360
PRIOR FILING DATE: 2002-11-08
PRIOR FILING DATE: 2002-11-08
PRIOR FILING DATE: 2002-11-08
PRIOR FILING DATE: 2002-11-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PSD-94: Use for Treatment of Hypercalcemia and Bone metastasis
FILE REFERENCE: 06508-051-US-02
CURRENT APPLICATION NUMBER: US/10/291,360
CURRENT FILING DATE: 2002-11-08
PRIOR FILING DATE: 2001-11-08
PRIOR FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin version 3.1
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SEQ ID NO 5
LENCTH: 15
TYPE: PRT
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Best Local :
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Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PSP-94: Use for Treatment of Hypercalcemia and Bone metastasis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 15
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: PCK3145 (polypeptide 31-45)
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                                                                                                                                                                                                                                                                                                                                                Similarity
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Pred. No. 3.4e-06;
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US-10-948-229-7
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SOFTWARE: PatentIn version 3.3
SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn version 3.3 SEQ ID NO 7
                                            Matches
                                                        Query Match
Best Local Similarity
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Best Local Similarity 100.0%;
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TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
FILE REFERENCE: BKP-022
CURRENT APPLICATION NUMBER: US/10/948,229
CURRENT FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
                                                                                                                                                                                                                                                                                        NAME/KEY: MOD RES
LOCATION: (7)...(7)
OTHER INFORMATION: «
OTHER INFORMATION: «
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CURRENT FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Panchal, Chandra APPLICANT: Daigneault, Luc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES FILE REFERENCE: BKP-022
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                       NAME/KBY: MOD_RES
LOCATION: (12)..(12)
OTHER INFORMATION: an acetylaminomethyl
OTHER INFORMATION: cysteine 12
                                                                                                                                                                                                      NAME/KEY: MOD RES
LOCATION: (10)...(10)
OTHER INFORMATION: an acetylaminomethyl
OTHER INFORMATION: cysteine 10
                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: PSP94 derivative
                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
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EWQTDNCETCTCYET 15
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                                          Conservative
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                                                                                                                                                                                                                                                                                          cysteine
                                                                                                                                                                                                                                                                                                         an acetylaminomethyl group is attached to the sulfur atom of
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                                                   NUMBER OF SEQ ID NOS:
SOFTWARE: PatentIn ver
SEQ ID NO 7
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Best Local (
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APPLICANT: Bouzeghrane, Mounia
APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
FILE REFERENCE: BKP-020
CURRENT APPLICATION NUMBER: US/11/004,270
CURRENT FILING DATE: 2004-12-02
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CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
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APPLICANT: Wu, Jinzi
APPLICANT: Beliveau, Richard
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PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
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TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
FILE REFERENCE: BKP-020
                                                                                                            PRIOR APPLICATION NUMBER: CA 2,441,695 PRIOR FILING DATE: 2003-09-26
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ORGANISM: Artificial
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Daigneault, Luc
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RESULT 9 US-11-004-273-7

Sequence 7, Application US/11004273

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                                                                                                                           OTHER INFORMATION: PSP94 family member US-11-004-273-5
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SOFTWARE: PatentIn version 3.3
SEQ ID NO 5
LENGTH: 15
TYPE: PRT
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CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
PRIOR FILING DATE: 2003-09-26
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LOCATION: (7)...(7)
OTHER INFORMATION: a
OTHER INFORMATION: C
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LOCATION: (12)..(12)
OTHER INFORMATION: an acetylaminomethyl group is attached
OTHER INFORMATION: cystein 12
                                                                                                                                                                        ORGANISM: Artificial
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LOCATION: (10)..(10)
OTHER INFORMATION: an acetylaminomethyl group is attached to the sulfur atom of
OTHER INFORMATION: cystein 10
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Annabi, Borha
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Beliveau, Richard
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Daigneault, Luc
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Pred. No. 3.4e-06;
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SEQ ID NO 10
LENGTH: 16
TYPE: PRT
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Publication No. US20030170220A1
GENERAL INFORMATION:
APPLICANT: PROCYON BIOPHARMA INC.
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SENERAL INFORMATION:
                                                                 PRIOR APPLICATION NUMBER: CA 2,355,334 PRIOR FILING DATE: 2001-08-20 NUMBER OF SEC.
                                                                                                                                                   FILE REFERENCE: 06508-030-US-03
CURRENT APPLICATION NUMBER: US/09/977,406A
CURRENT FILING DATE: 2001-10-15
                                                                                                                   PRIOR APPLICATION NUMBER: CA 2,321,256 PRIOR FILING DATE: 2000-10-16
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CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
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                                               NUMBER OF SEQ ID NOS: 92
SOFTWARE: PatentIn version
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                                                                                                                                                                                                      TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS
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IIILE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
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LOCATION: (12]..(12)
OTHER INFORMATION: an acetylaminomethyl group
OTHER INFORMATION: cystein 12
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LOCATION: (7)...(7)
OTHER INFORMATION: an acetylaminomethyl group is attached to the sulfur atom
OTHER INFORMATION: cystein 7
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; ORGANISM: Artificial Sequence; FEATURE:
; FEATURE; OTHER INFORMATION: PSP94 family member US-10-948-229-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Polypeptide derived from rHuPSP94 sequence (polypeptide analog)
US-09-977-406A-59
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                                                                                                      SOFTWARE: PatentIn version 3.3 SEQ ID NO 9
                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Panchal, Chandra
APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn version 3.1 SEQ ID NO 59
                                                                                                                                                                                                                                                                                                                                                                              Sequence 9, Application US/10948229 Publication No. US20050096273A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity
                                                                                                                                        FILE REFERENCE: BKP-022
CURRENT APPLICATION NUMBER: US/10/948,229
CURRENT FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION NUMBER: US/09/977,406A CURRENT FILING DATE: 2001-10-15 PRIOR APPLICATION NUMBER: CA 2,321,256 PRIOR FILING DATE: 2000-10-16 PRIOR APPLICATION NUMBER: CA 2,355,334 PRIOR FILING DATE: 2001-08-20
                                                                                                                                                                                                                                                  APPLICANT: Garde, Seema
TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES
                                                                                                                                                                                                                                                                                        APPLICANT:
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TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS
                                                                      TYPE: PRT
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CURRENT APPLICATION NUMBER: US/10/948,229
CURRENT FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 91
SOFTWARE: Patentin version 3.3
SEQ ID NO 58
LENGTH: 16
TYPE: PRT
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Best Local (
                                                SEQ ID NO 9
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                                                                                                                                                                 APPLICANT: Hawkins, Robert
TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
FILE REFERENCE: BKF-020
CURRENT APPLICATION NUMBER: US/11/004,270
CURRENT FILING DATE: 2004-12-02
                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Panchal, APPLICANT: Wu, Jinz
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS FILE REFERENCE: BKP-022
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Panchal, Chandra J
APPLICANT: Dalgmeault, Luc
APPLICANT: Hawkins, Robert
APPLICANT: Hawkins, Marcia
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                                                                 NUMBER OF SEQ ID NOS: 99
SOFTWARE: PatentIn version 3.3
                                                                                                 PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
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              LENGTH: 16
TYPE: PRT
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ORGANISM: Artificial
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Lamy, Sylvie
Bouzeghrane, Mounia
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Daigneault, Luc
Daigneault, Luc
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; OTHER INFORMATION: PCK3145 derivative
US-11-004-270-9
Search completed: July 27, 2005, 20:06:03 Job time : 28.3091 secs
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US-11-004-270-58
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CURRENT APPLICATION NUMBER: US/11/004,270
CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR FILING DATE: 2004-09-24
PRIOR PRIOR PRICING DATE: 2003-09-26
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
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SEQ ID NO 58
LENGTH: 16
TYPE: PRT
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Best Local (
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APPLICANT: Wu, Jinzi
APPLICANT: Beliveau, Richard
APPLICANT: Ruiz, Marcia
APPLICANT: Garde, Seema
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TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
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Lamy, Sylvie
Bouzeghrane, Mounia
Daigneault, Luc
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Perfect score:
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1: /cgn2 6/ptodata/1

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Gapop 10.0 , Gapext 0.5
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/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/backfiles1.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

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119 119	119	306 119	120	120	1170	1170	443	441	239	218	113	113	293	941	940	115	550	685	627	1049	1036	28	114	94	Query Match Length
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US-08-467-389-20 US-08-779-379-20	-08-226-264-	US-09-489-039A-11260 US-08-468-347-20	47911-1	5447911-1	US-09-657-472-2	US-08-313-288B-20	US-09-328-352-8124	US-08-985-526-3	PCT-US93-01652-1	US-08-985-526-1	US-09-542-497A-8	US-09-826-312A-8	US-09-248-796A-15221	US-08-343-760A-2	US-08-938-365-4	US-09-270-767-41534	US-09-949-016-11512	US-10-246-658-2	US-10-246-658-4	US-09-949-016-11522	US-09-949-016-6910	US-07-899-535A-4	US-09-513-999C-7807	US-07-899-535A-1	ID
Sequence 20, Appl Sequence 20, Appl	24,	. 26	. 544791	ب		20, A	81:	ω	,,	Ļ	8	θ,	15	N ,	Sequence 4, Appli		11	Sequence 2, Appli	4	11	e 69:	Sequence 4, Appli	78	Sequence 1, Appli	Description

Query Match 100.0%; Score 368; DB 1; Length 94; Best Local Similarity 100.0%; Pred. No. 1.2e-34; Matches 64; Conservative 0; Mismatches 0; Indels

0

Gaps

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61 16.6 119 3 US-09-228-152-19 61 16.6 136 2 US-08-560-098A-59 61 16.6 136 6 5189019-6 61 16.6 136 6 5189019-6 61 16.6 136 6 5189019-6 61 16.6 1421 4 US-08-915-048A-2 61 16.6 5179 4 US-09-918-092-1258 61 16.6 5179 4 US-09-538-092-1258 61 16.6 5179 4 US-09-538-092-1258 61 16.6 5179 4 US-09-538-092-1258 61 16.2 106 4 US-09-543-681A-4251 59.5 16.2 129 2 US-08-225-480-5 59.5 16.2 129 3 US-09-18-445-5 59.5 16.0 572 5 PCT-US91-08177-11 59 16.0 572 5 PCT-US91-08177-19 59 16.0 1045 4 US-09-567-458A-4 59 16.0 1045 4 US-09-949-016-11112 59 16.0 1172 1 US-08-313-288B-19 59 16.0 1172 4 US-09-949-016-6333	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29
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3 2 6 6 4 4 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4	16.0	16.0	16.0	16.0	16.0	16.0	16.2	16.2	16.2	16.3	16.6	16.6	16.6	16.6	16.6	16.6	16.6
2 US-09-228-152-19 2 US-08-560-098A-59 6 5189019-6 6 5189019-6 6 5189019-6 6 5189019-6 6 US-08-915-048A-2 4 US-10-142-231-86 4 US-09-538-092-1258 3 US-09-538-092-1258 2 US-08-942-686-2 2 US-08-942-686-2 5 US-09-118-445-5 5 PCT-US91-08177-11 5 PCT-US91-08177-19 4 US-09-567-458A-4 7 US-09-949-016-11112 1 US-08-313-288B-19 4 US-09-949-016-6333	1172	1172	1045	574	572	572	129	129	106	753	5179	1461	1121	136	136	136	119
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19, 59, 51, 59, 51, 51, 51, 51, 51, 51, 51, 51, 51, 51	6333, Ap	19, Appl	11112, A	i, Appli	Appl	Appl	5, Appli	Appli	4251, Ap	2, Appli	1258, Ap	86, Appl	2, Appli	5189019	Patent No. 5189019	Appl	App1

# ALIGNMENTS

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; MOLECULE TYPE:
; HYPOTHETICAL:
US-07-899-535A-1
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US-07-899-535A-1
                                                           TELEPAX: 703-415-0962
TELEX: 24 8614
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 94 amino acids
TYPE: amino acids
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/899,535A
FILING DATE: 16-JUN-1992
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: LOUD, George A.
REGISTRATION NUMBER: 25,814
REFERENCE/DOCKET NUMBER: S&B-A835
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1, Application US/07899535A Patent No. 5428011
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: Sheth, Anil R.
APPLICANT: Garde, Seema
APPLICANT: Banchal, Chandra J.
TITLE OF INVENTION: Pharmaceutical Preparations For
TITLE OF INVENTION: Inhibiting Tumours Associated With Prostate
TITLE OF INVENTION: Adenocarcinoma, Stomach Cancer and Breast Cancer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 2001
STREET: Arlington
CITY: Arlington
STATE: Virginia
CONSTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: 703-415-0960
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                  TELEPHONE: 703-1-1
TELEPHONE: 703-115-0962
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE:
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                  »: protein
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; NAME/KEY: SIGNAL
; LOCATION: -20..-1
; OTHER INFORMATION: score 9
; OTHER INFORMATION: seq VVIFATFVTLCNA/SC
US-09-513-999C-7807
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
Patent No. 6783961
FILE REFERENCE: 59.US2.REG
CURRENT APPLICATION NUMBER: US/09/513,999C
CURRENT FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR FILING DATE: 1999-02-26
PRIOR FILING DATE: 1999-02-26
SOFTWARE: Patent.pm
SEQ ID NO 7807
LENGTH: 114
TYPE: DET
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Patent No. 542801
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                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT ORGANISM: Homo sapiens FEATURE:
                                                                                                                                                                                                      APPLICANT: Sheth, Anil R.

APPLICANT: Garde, Seema
APPLICANT: Panchal, Chandra J.

TITLE OF INVENTION: Pharmaceutical Preparations For
TITLE OF INVENTION: Inhibiting Tumours Associated With Prostate
TITLE OF INVENTION: Adenocarcinoma, Stomach Cancer and Breast Ca
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
                                                                                                             STREET: 2001 Jet
CITY: Arlington
STATE: Virginia
                                                                           COUNTRY: U.S.A. ZIP: 22202
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local
                                                                                                                                                                      ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                111 EWII 114
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     h 100.0%; Score 368; DB 4;
Similarity 100.0%; Pred. No. 1.5e-34;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    EWII 64
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                                                                                                                                                                                                                                                                                                                                                                                     Application US/07899535A
                                                                                                                                                 2001 Jefferson Davis Highway, Suite 306
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                      Mr. George Loud
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US-09-949-016-11522
; Sequence 11522, Application US/09949016
; Patent No. 6812339
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                                                 RESULT 5
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US-09-949-016-6910
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                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REFERENCE: CL001307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR FILING DATE: 2000-10-20

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR FILING DATE: 2000-10-03

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR FILING DATE: 2000-09-08

PRIOR FILING DATE: 2000-09-08
                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 6910
LENGTH: 1036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 6910,
                                                                                                                                                                                                                                        Matches
                                                                                                                                                                                                                                                                       Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Loud, George A.
REGISTRATION NUMBER: 25,814
REFERENCE/DOCKET NUMBER: S&B-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-415-9960
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/07/899,535A
FILING DATE: 16-JUN-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: //-
TELEFAX: //-
TEX: 24 8614
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                                                                                                                                                                                                                                                         Local
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                                                                                                     818 VCHFS 822
                                                                                                                                                                      767 WKPDVCTSCICIDSVÍSCFSESCPSVS------CERPVLRKGQCCPYCIEDTIPKKV 817
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     al Similarity
26; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     37 IFKKEDCKYIVVEKKDPKKTCSVSEW 62
                                                                                                                                                                                                    2 WQTDNCETCTCYETEISC----CTLVSTPVGYDKDNCQR-IFKKEDCKYIVVEKKDPKK-
                                                                                                                                                                                                                                        21;
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NO
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, 100.0%; Pred. No.
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                                                                                                                                                                                                                                      Score 79.5; DB pred. No. 0.94; 8; Mismatches
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Pred. No. 8.9e-10;
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RESULT 6
US-10-246-658-4
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US-10-246-658-2
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PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
GENERAL INFORMATION:
APPLICANT: Yu, Xuanchuan
APPLICANT: Scoville, John
                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/10/246,658
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: US 60/323,068
PRIOR FILING DATE: 2001-09-18
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 4
                                                    Sequence 2, Application US/10246658 Patent No. 6790660
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL
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                                                                                                                                                                                                                                                    Query Match
Best Local S
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                                                                                                                                                                                                                                     Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Yu, Xuanchuan
APPLICANT: Scoville, Jol
APPLICANT: Wilganowski,
APPLICANT: Nguyen, Nghi
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TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Nguyen, Nghi D.
TITLE OF INVENTION: No. 6790660el Human Kielin-Like Proteins and Polynucleotides Enco
FILE REFERENCE: LEX-0376-USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT FILING DATE: 2000-04-14
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TYPE: PRT
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TYPE: PRT
ORGANISM: homo sapiens
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                                                                                                                                                                                                                                                       Similarity
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32.3%;
                                                                                                                                                                                                                                   6; Mismatches
                                                                                                                                                                                                                                                      Score 67.5;
Pred. No. 13
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OF DETECTION AND USES THEREOF
                                                                                                                                                                                                                                                                     Length 627;
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; LENGTH: 550
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-11512
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US-09-270-767-41534
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APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 41534
                                                                                                                                                                 Sequence 41534, Application US/09270767
Patent No. 6703491
GENERAL INFORMATION:
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GENERAL INFORMATION:
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CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: US 60/323,068
PRIOR FILING DATE: 2001-09-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
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CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 4.0
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TITLE OF INVENTION: No. 6790660el Human Kielin-Like Proteins and Polynucleotides Enco-
FILE REFERENCE: LEX-0376-USA
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APPLICANT:
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es 16; Conserv
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30.9%;
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Pred. No. 18;
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Pred. No. 14;
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RESULT 11
US-08-343-760A-2
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Sequence 2, Application US/08343760A Patent No. 5679783
                                                                                                                                                                  Matches
                                                                                                                                                                               Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 940 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/938,365
FILING DATE: 26-SEP-1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER: 35,283
REFERENCE/DOCKET NUMBER: 09404/040001
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
NAME: Meiklejohn, Ph.D.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
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TITLE OF INVENTION: 1
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ADDRESSEE: Fish & Richardson P.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                  TELEFAX: 61.
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                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
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                                                                                             705 WAPDYDRKCSVCSCOKRTVICDPIVCPPL----NCSQPVHLPDQCCPVCEEKKEMRE 757
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25.9%; Pred. No. 43;
tive 11; Mismatches
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27.3%;
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Pred. No. 4.4;
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Query Match
Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                  SEQ ID NO 15221
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                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/248,796A CURRENT FILING DATE: 1999-02-12 PRIOR APPLICATION NUMBER: US 60/074,725 PRIOR FILING DATE: 1998-02-13 PRIOR APPLICATION NUMBER: US 60/096,409 PRIOR FILING DATE: 1998-08-13 NUMBER OF SEQ ID NOS: 28208
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APPLICANT: De Robertis, Edward M
APPLICANT: Sasai, Yoshiki
TITLE OF INVENTION: Tissue Differentiation Affecting
TITLE OF INVENTION: Factor and Composition
NUMBER OF SEQUENCES: 3
                                                                                                                                                                                                                                                                                                                              APPLICANT: Keith Weinstock et al TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICANS TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS FILE REFERENCE: 107196.132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (415) 362-5418
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                   TYPE: PRT ORGANISM: Candida albicans
                                                                                                                                             LENGTH: 293
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 31
TELECOMMUNICATION INFORMATION:
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NAME: Siebert, J. Suzanne
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
APPLICATION NUMBER: US
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CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Majestic, Parsons, Siebert & Hsue STREET: Four Embarcadero Center, Suite 1450
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: San Francisco
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15; Conserv
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          Conservative
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25.9%; Pred. No. 43;
ative 11; Mismatches
                        17.3%;
41.7%;
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        Score 63.5; Di
Pred. No. 16;
3; Mismatches
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                                             Length 293;
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CURRENT APPLICATION NUMBER: US/09/542,497A
CURRENT FILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin version 3.1
SEQ ID NO 8
LENGTH: 113
TYPE: PRT
ORGANISM: Homo sapiens
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US-09-826-312A-8
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APPLICANT: Huang, Jianing
APPLICANT: Sheung, Julie
APPLICANT: Pray, Todd R.
APPLICANT: Pray, Todd R.
APPLICANT: Rigel Pharmaceuticals, Inc.
TITLE OF INVENTION: Ubiquitin Ligase Assay
FILE REFERENCE: 021044-007010US
FULTE REFERENCE: 021044-007010US
CURRENT APPLICATION NUMBER: US/09/826,312A
CURRENT FILING DATE: 2001-04-03
PRIOR ETLING DATE: 2001-04-03
PRIOR APPLICATION NUMBER: US/09/542,497
PRIOR TILING DATE: 2000-04-03
NUMBER OF SEQ ID NOS: 21
SOFTWARE: Patentin Ver. 2.1
                                                                                                      Query Match
Best Local S
Matches 16
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GENERAL INFORMATION:
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APPLICANT: Huang, Jianing
APPLICANT: Shueng, Julie
TITLE OF INVENTION: UBIQUITIN LIGASE ASSAY
FILE REFERENCE: A.68613/RMS/JJD
                                                                                                                                                                           -09-542-497A-8
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ORGANISM: Homo sapiens
FEATURE:
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                                                                                                                      Local Similarity
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5. 6737244
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 61 EWI 63
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                                                                 WQTD-NCETCTCYETEISCCTLVSTPVGYDKDNCQRIFKKEDCKYIVVEKKDPKKTCSVS
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25.4%;
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Pred. No. 7.2;
7; Mismatches
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                                ---RCQAENKQEDCVVVWGECNHSFHNCCMS
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                                                                                                                                       DB 4;
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Search completed: July 27, 2005, 19:28:40 Job time: 33.8145 secs
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US-08-985-526-1
                                                                                                                          Matches
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                                                                                                                                                       Query Match
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INFORMATION FOR SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Mixson
                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,526
                                                                                                                                                                                                                                                                                                                                        FILING DATE: 16-JUL-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 19899
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                             NAME: MCMORROW Jr., Robert G
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Mixson, James A TITLE OF INVENTION: CARRIES TITLE OF INVENTION: ENCODING THERAPS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                   TYPE: ami
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                                                                                                                                       Local Similarity
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                                                                                                                                                                                                                                218 amino acids
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1220 Market Street, P.O. Box 2207
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                                                                                                                          Conservative
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                                                                                                                                       17.0%;
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                                                                                                                                       Score 62.5;
Pred. No. 15;
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Perfect score:
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seq length:
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1: /cgn2=6/ptodata/1/pubpaa/US07 PUBCOMB.pep:*

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23: /cgn2=6/ptodata/1/pubpaa/US11A_PUBCOMB.pep:*

24: /cgn2=6/ptodata/1/pubpaa/US10A_PUB.pep:*

25: /cgn2=6/ptodata/1/pubpaa/US10A_PUB.pep:*
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206.113 Million cell updates/sec
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US-11-004-270-57
US-11-004-273-57
US-09-977-406A-1
US-10-948-229-1
US-10-948-229-1
US-11-004-273-1
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US-11-004-273-1
US-09-977-406A-2
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Sequence 58, Appl
Sequence 57, Appl
Sequence 57, Appl
Sequence 57, Appl
Sequence 1, Appli
Sequence 2, Appli
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# ALIGNMENTS

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PRIOR APPLICATION NUMBER: CA 2,321,256
PRIOR APPLICATION NUMBER: CA 2,355,334
PRIOR PRILING DATE: 2000-10-16
PRIOR PRILING DATE: 2001-08-20
NUMBER OF SEQ ID NOS: 92
SOFTWARE: PatentIn version 3.1
SEQ ID NO 58
LENGTH: 64
TYPE: PRT
ORGANISM: Artificial Sequence
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US-09-077-406A-58
; Sequence 58, Application US/09977406A
; Publication No. US20030170220A1
; GENERAL INFORMATION:
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; OTHER INFORMATION: Polypeptide derived from rHuPSP94 sequence
US-09-977-406A-58
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Matches
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TITLE OF INVENTION: PRAMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
FILE REFERRICE: 0.05508-030-US-03
CURRENT APPLICATION NUMBER: US/09/977,406A
CURRENT FILING DATE: 2001-10-15
CURRENT FILING DATE: 2001-10-15
                                                                                                                                 Local Similarity
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Conservative (
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                                                                                                           Score 368; DB 10;
Pred. No. 1.7e-33;
; Mismatches 0;
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US-10-948-229-57; Sequence 57, App.; Publication No.
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SEQ ID NO 57
LENGTH: 64
TYPE: PRT
ORGANISM: Artificial Sequence
                                              SOFTWARE: PatentIn version 3.3 SEQ ID NO 57 LENGTH: 64 TYPE: PRT
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APPLICANT:
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APPLICANT:
APPLICANT:
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APPLICANT: Wu, Jin:
APPLICANT: Belivea
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PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 91
SOFTWARE: PARATE: 2003-09-26
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APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/11/004,270 CURRENT FILING DATE: 2004-12-02 PRIOR APPLICATION NUMBER: US 10/948,229
                                                                                                                                                                                                               APPLICANT: Hawkins, Robert
TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
FILE REFERENCE: BKP-020
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CURRENT APPLICATION NUMBER: US/10/948,229
CURRENT FILING DATE: 2004-09-24
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APPLICANT:
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PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTBINASES BY PSP94 FAMILY MEMBERS
FEATURE: OTHER INFORMATION: PCK3145 derivative
                           ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE: OTHER INFORMATION: PSP94 family member
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                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION:
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Lamy, Sylvie
Bouzeghrane, Mounia
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Vo. US20050096273A1
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Pred. No. 1.7e-33;
; Mismatches 0;
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TYPE: PRT
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Sequence 1, Application US/09977406A

Publication No. US20030170220A1

GENERAL INFORMATION:
APPLICANT: PROCYON BIOPHARMA INC.
APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING
FILLE REFERENCE: 06508-030-US-03

CURRENT FILING DATE: 2001-10-15

PRIOR APPLICATION NUMBER: US/09/977,406A

CURRENT FILING DATE: 2001-10-15

PRIOR APPLICATION NUMBER: CA 2,321,256

PRIOR FILING DATE: 2000-10-16
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SOFTWARE: PatentIn version 3.3
SEQ ID NO 57
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Best Local Similarity
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Publication No. US20050148514A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/11/004,273
CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: BKP-021
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: PCK3145 derivative
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Pred. No. 1.7e-33;
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SEO ID NO 1
LENGTH: 94
TYPE: PRT
ORGANISM: Homo sapiens
PUBLICATION INFORMATION:
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APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PSP-94: Use for Treatment
FILE REFERENCE: 06508-051-US-02
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Best Local Similarity
                                       Query Match
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                                                                                                                                                                                                                                                                                                                                                              LENGTH: 94
TYPE: PRT
ORGANISM: Homo sapiens
PUBLICATION INFORMATION:
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PRIOR FILING DATE: 2001-08-20
NUMBER OF SEQ ID NOS: 92
                                                                                                                                                                                                                               AUTHORS: Ulvsback, M., Lindstrom, C., Weiber, H., Abrahamson, P.A., Lilja, H., and AUTHORS: Lundwall, A"
TITLE: Molecular cloning of a small prostate protein, known as beta-
TITLE: microsemenoprotein, PSP94 or beta-inhibin, and demonstration of transcripts
TITLE: non-genital tissues.
JOURNAL: Biochem. Biophys. Res Commun.
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PAGES: 1310-1315
DATE: 1989
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DATABASE ENTRY DATE: 1988-08-01
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PAGES: 1310-1315
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                                                                                                     DATABASE ACCESSION NUMBER: GI 131436
DATABASE ENTRY DATE: 1988-08-01
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100.0%; Score 368; DB 14; ilarity 100.0%; Pred. No. 2.6e-33; Conservative 0; Mismatches 0;
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PRIOR FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US 10/291,360
PRIOR FILING DATE: 2002-11-08
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
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APPLICANT: Panchal, Chandra J
APPLICANT: Daigneault, Luc
APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
APPLICANT: Hawkins, Robert
APPLICANT: Garde, Seema
TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
FILE REFERENCE: BKD-022
CURRENT APPLICATION NUMBER: US/10/948,229
CURRENT FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
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CURRENT APPLICATION NUMBER: US/10/857,358
CURRENT FILING DATE: 2004-06-01
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TITLE OF INVENTION: PSP-94: Use for Treatment of Hypercalcemia and Bone metastasis
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE: Molecular cloning of a small prostate protein, known as beta-
TITLE: microsemenoprotein, PSP94 or beta-inhibin, and demonstration of transcripts
TITLE: non-genital itsues.
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VOLUME: 164
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; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn version 3
; SEQ ID NO 1
; LENGTH: 94
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-948-229-1
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                                        Sequence 1, Application US/11004273 Publication No. US20050148514A1 GENERAL INFORMATION:
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NUMBER OF SEQ ID NOS: 99
SOFTWARE: PatentIn version 3.3
SEQ ID NO 1
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APPLICANT: Wu, Jinz
APPLICANT: Beliveau
APPLICANT: Ruiz, Ma
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CURRENT APPLICATION NUMBER: US/11/004,270
CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR PRIOR PRIOR APPLICATION NUMBER: CA 2,441,695
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            APPLICANT: Panchal, Chandra J. APPLICANT: Wu, Jinzi
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
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Bouzeghrane, Mounia
Daigneault, Luc
Hawkins, Robert
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Pred. No. 2.6e-33;
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APPLICANT: Ruiz, Marcia
APPLICANT: Garde, Seema
APPLICANT: Annabi, Borhane
APPLICANT: Lamy, Sylvie
APPLICANT: Lamy, Sylvie
APPLICANT: Bouzeghrane, Mounia
APPLICANT: Bouzeghrane, Mounia
APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
FILE REFERENCE: BKP-021
CURRENT APPLICATION NUMBER: US/11/004,273
CURRENT APPLICATION NUMBER: US/11/004,273
CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US/10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR FILING DATE: 2004-09-24
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
SOFTWARE: PatentIn version 3.3
SEQ ID NO 1
T.FNGTH: 94
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                                                                                                                                                                                                                                          ; OTHER INFORMATION: recombinant human PSP94 (rHuPSP94) produced from yeast US-09-977-406A-2
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US-09-977-406A-2
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                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 92
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
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                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT PROCYCU BIOPHARMA INC.
APPLICANT: PROCYCU BIOPHARMA INC.
TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
FILE REFERENCE: 06508-030-US-03
CURRENT APPLICATION NUMBER: US/09/977,406A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: CA 2,321,256
PRIOR PILING DATE: 2000-10-16
PRIOR PILING DATE: 2000-10-16
PRIOR FILING DATE: 2001-08-20
                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Homo
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Local Similarity 100.0%;
nes 64; Conservative 0
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Pred. No. 2.8e-33;
; Mismatches 0;
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// OTHER INFORMATION: recombinant human PSP94 (rHuPSP94) produced from yeast
US-10-291-360-2
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Publication No. US20030119744A1
GENERAL INFORMATION:
APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PSP-94: Use for Treatment of Hypercalcemia and Bone metastasis
FILE REFERENCE: 06508-051-US-02
CURRENT APPLICATION NUMBER: US/10/291,360
CURRENT FILING DATE: 2002-11-08
PRIOR APPLICATION NUMBER: CA 2,361,736
PRIOR FILING DATE: 2001-11-08
PRIOR FILING DATE: 2001-11-08
PRIOR SEQ ID NOS: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 2, Application US/10857358
Publication No. US20050026833A1
GENERAL INFORMATION:
APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PSP-94: Use for Treatment of Hypercalcemia and
FILE REFERENCE: 06508-153
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SEQ ID NO 2
LENGTH: 102
TYPE: PRT
ORGANISM: Artificial Sequence
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Best Local Similarity
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Best Local Similarity
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PRIOR APPLICATION NUMBER: CA 2,361,736
PRIOR FILING DATE: 2001-11-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/857,358
                                                                                                                                                                                                                                      FEATURE: OTHER INFORMATION: recombinant human PSP94 (rHuPSP94) produced from yeast
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TYPE: PRT
ORGANISM: Artificial Sequence
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EWII 102
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Pred. No. 2.8e-33;
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Pred. No. 2.8e-33;
; Mismatches 0;
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RESULT 15
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                                                     ; FEATURE:
; OTHER INFORMATION: PSP94 family member
US-11-004-270-2
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                                                                                                                                                              PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
SOFTWARE: PatentIn version 3.3
SEQ ID NO 2
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Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                        APPLICANT: Hawkins, Robert
TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
FILE REFERENCE: BKP-020
CURRENT APPLICATION NUMBER: US/11/004,270
CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
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CURRENT FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 91
SOFTWARE: Patentin version 3.3
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APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
APPLICANT: Ruiz, Marcia
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TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
FILE REFERENCE: BKP-022
                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: CA 2,441,695
                                                                                                                              TYPE: PRT
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ORGANISM: Artificial Sequence
PEATURE:
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Bouzeghrane, Mounia
Daigneault, Luc
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Beliveau, Richard
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Pred. No. 2.8e-33;
Score 368; DB 20;
Pred. No. 2.8e-33;
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Search completed: July 27, 2005, 20:06:04 Job time : 121.785 secs	99 EWII 102	61 EWII 64	39 EWQTDNCETCTCYETEISCCTLVSTPVGYDKDNCQRIFKKEDCKYIVVEKKDFKKTCSVS 98	1 EWQTDNCETCTCYETEISCCTLVSTPVGYDKDNCQRIFKKEDCKYIVVEKKDPKKTCSVS 60	64; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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1: /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*

2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*

3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*

5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*
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          US-09-977-406A-59
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                                   1 US-07-899-535A-1

US-09-513-999C-7807

US-09-949-016-11112

US-08-313-288B-19

US-09-949-016-6313

US-09-949-016-6510

US-09-949-016-11522

US-09-907-794A-12

US-09-907-775A-12

US-09-906-700-12

US-09-908-700-12

US-09-908-700-12

US-09-908-700-12

US-09-908-700-12

US-09-908-803A-12

US-09-908-381A-12

US-09-908-381A-12

US-09-908-481-968A-24

US-08-154-712B-24

US-09-970-767-41212

US-09-970-767-56428

US-09-985-526-1

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US-09-489-039A-11260

US-09-489-039A-11260
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Sequence 7807, Ap
Sequence 11112, A
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6333, Ap
44, Appl
6910, Ap
11522, A
12, Appl
13, Appl
14, Appl
16, Appl
17, Appl
18, Appl
19, Appl
11, Appl
11,
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45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28
42	42	42	42	42	42	42.5	43	43	43	43	43	44.5	44.5	44.5	45	45	45
41.6	41.6	41.6	41.6	41.6	41.6	42.1	42.6	42.6	42.6	42.6	42.6	44.1	44.1	44.1	44.6	44.6	44.6
437	437	201	143	143	115	273	421	376	156	90	57	1052	1052	290	1170	1170	685
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US-09-830-189C-2	US-09-073-569-2	US-09-270-767-58661	US-09-270-767-51028	US-09-270-767-35811	US-09-270-767-41534	US-08-152-019A-30	US-09-806-536A-11	US-09-496-005-1	US-09-270-767-44651	US-09-513-999C-5586	US-09-270-767-60104	US-09-163-669-2	US-08-852-806-2	US-09-543-681A-6461	US-09-657-472-2	US-08-313-288B-20	US-10-246-658-2
Sequence 2, Appli	Sequence 2, Appli	Sequence 58661, A	Sequence 51028, A	Sequence 35811, A	Sequence 41534, A	Sequence 30, Appl	Sequence 11, Appl	Sequence 1, Appli	Sequence 44651, A	Sequence 5586, Ap	Sequence 60104, A	Sequence 2, Appli	Sequence 2, Appli	Sequence 6461, Ap	Sequence 2, Appli	Sequence 20, Appl	Sequence 2, Appli

### ALIGNMENTS

RESULT 1 US-07-899-535A-1

sequence 1, Application US/07899535A Patent No. 5428011

GENERAL INFORMATION: APPLICANT: Sheth,

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Query Match
Best Local Similarity
Thes 16; Conserve
                                                                                                  ; MOLECULE TYPE:
; HYPOTHETICAL:
US-07-899-535A-1
                                                                                                                                                                                                                                                                                                 STREET: 2001 Jefferson Davis Highway,
CITY: Arlington
STATE: Virginia
COUNTRY: U.S.A.
ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
COMPUTER: PATENTIAL Release #1.0, Vers
SOFTWARE: PATENTIAL Release #1.0, Vers
SOFTWARE: PATENTIAL RELEASE
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/899,535A
FILING DATE: 16-TUN-1992
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
REGISTRATION NUMBER: 25,814
REFERENCE/DOCKET NUMBER: S&B-A835
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-415-0962
TELEPAN: 73-415-0962
                                                                                                                                                                                                                                     TELEFAX: 703-415-0962
TELEX: 24 8614
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Sheth, Anil R.
APPLICANT: Garde, Seema
APPLICANT: Panchal, Chandra J.
APPLICANT: PARCHAIN Pharmaceutic
TITLE OF INVENTION: Inhibiting T
TITLE OF INVENTION: Adenocarcinc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                    TYPE: amino acid
                                                                                                                                                                  TOPOLOGY:
                                                                                                                                                                               STRANDEDNESS:
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                 100.0%; ilarity 100.0%; Conservative 0
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                                                                                                                                                                linear
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                                                                                                                                                                                 single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Davis Highway, Suite 306
                   Score 101; DB 1;
Pred. No. 1.4e-06;
); Mismatches 0;
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US-09-949-016-11112
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                                                                                                         ; ORGANISM: Human US-09-949-016-11112
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins. Patent No. 6783961

FILE REFERENCE: 59.US2.REG
CURRENT APPLICATION NUMBER: US/09/513,999C
CURRENT FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR FILING DATE: 1999-02-26
NUMBER OF SEQ ID NOS: 36681
SOFTWARE: Patent.pm
SEQ ID NO 7807
                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
                                                                                                                                                                                SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 11112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local 9
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                                     Matches
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Best Local :
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FEATURE:
NAME/KEY: SIGNAL
LOCATION: -20. -1
OTHER INFORMATION: SCOTOTHER INFORMATION: Sector
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No. 6812339
                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Duclert, A. APPLICANT: Giordano, J.Y.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No.
                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILLING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILLING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILLING DATE: 2000-09-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Dumas Milne Edwards, J.B
                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 20701
                                                                                                                                              TYPE: PRT
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                                                                                                                                                               ENGTH: 1045
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                                                   Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION:
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                                   Similarity 63.07; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEWOTDNCETCTCYET 45
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seq VVIFATFVTLCNA/SC
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Pred. No.
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Pred. No. 1.6e-06;
; Mismatches 0;
                                                                  DB 4; Length 1045;
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                                   CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
                                                                                                                                                                                                                                                                                                                                            RESULT 5
US-09-949-016-6333
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                                                                                                                                                                                               Sequence 6333, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 19, Application US/08313288B
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
  SOFTWARE:
                      NUMBER OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 1172 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION: TELEPHONE: (212) 278-0400
TELEFAX: (212) 391-0526
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Jessell, TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity 63.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/313,288B FILING DATE: January 5, 1995 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                           333 WVVDSCTTCTC
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                                                                                                                                                                                                                                                                                                  333, Application US/09949016
__6812339
FastSEQ for Windows Version 4.0
                  ING DATE: 2000-09-08 SEQ ID NOS: 207012
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        E: Cooper & Dunham LLP
1185 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                USA
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                                                                                                                                                                                                                                                                                                                                                                                                                           343
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              19:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 52; DB
Pred. No. 45;
1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                40028-A-PCT-US
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; LENGTH: 466
; TYPE: PRT
; ORGANISM: Mouse
US-09-724-864-44
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US-09-724-864-44
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Best Local Similarity
Conservat
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; ORGANISM: Human
US-09-949-016-6333
                                                       US-09-949-016-6910
                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 00/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 0000-09-08
PRIOR FILING DATE: 2000-09-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/724,864
CURRENT FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: U.S. NO. 6380362 60/171,678
PRIOR PILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 72
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 6333
LENGTH: 1172
                                                                  NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FRACESEQ for Windows Version 4.0
SEQ ID NO 6910
LENGTH: 1036
TYPE: PRT
ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Watson, James D
APPLICANT: Murison, James G.
TITLE OF INVENTION: Polynucleotides, polypeptides expressed
TITLE OF INVENTION: by the polynucleotides and methods for their use.
PILE REFERENCE: 11000.1050U1
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                            Patent No.
                                                                                                                                                                                                                                                                                                                     APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     119 DNCNRCTCHE 128
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b. 6812339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 44, Application US/09724864
5. 6380362
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 48.5%;
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 52;
Pred. No.
 Score 49; DB 4;
Pred. No. 1e+02;
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                Length 1036;
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US-09-907-794A-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 11522
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: VENTER, J.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISBASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
                                                      APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
        APPLICANT: Wood, WITITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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TYPE: PRT
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Local Similarity 50.0%;
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I: Williams, P. Mickey
I: Wood, William, I.
INVENTION: Secreted and Transmembrane Polypeptides and Nucleic INVENTION: Acids Encoding the Same
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                                                                                                                                                   Gurney, Austin L.
Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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                                                                     Stewart, Timot
Tumas, Daniel
                                                                                    Roy, Margaret Ann
Stewart, Timothy A.
                                                                                                                                                                                                                   Godowski, Paul J.
Grimaldi, Christopher J.
                                                                                                                                                                                                                                                                 Gerritsen, Mary E.
                                                                                                                                                                                                                                                                                                                                   Filvaroff, Ellen
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Eaton, Dan L.
                                                                                                                      Paoni, Nicholas F.
                                                                                                                                       Pan, James
                                                                                                                                                                                                                                                     Goddard, A.
                                                                                                                                                                                                                                                                                                                    Fong,
                                                                                                                                                                                                                                                                                                                                                    Ferrara, Napoleone
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                                                                                                                                                                                                                                                                                                     Wei-Qiang
                                                                                                                                                                                                                                                                                                                      Sherman
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Pred. No. 1e+02;
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RESULT 10
US-09-905-125A-12
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PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 12
                                                                                                                                                                                                                                                                GENERAL
                                                                                                                                                                                                                                                                                Sequence 12, Application Patent No. 6664376
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
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APPLICANT:
APPLICANT:
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PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
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CURRENT FILING DATE: 2001-07-17
                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 164
TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: PCT/US00/04414
                       APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US99/28313
FILING DATE: 1999-11-30
APPLICATION NUMBER: PCT/US99/28564
FILING DATE: 1999-12-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US99/20594
FILING DATE: 1999-09-08
APPLICATION NUMBER: PCT/US99/20944
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: PCT/US99/30911
FILING DATE: 1999-12-20
APPLICATION NUMBER: PCT/US99/30999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US99/21090 FILING DATE: 1999-09-15 APPLICATION NUMBER: PCT/US99/21547 FILING DATE: 1999-09-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/30095
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 1999-09-13
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                                                                                                                                                                                                                                                                INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                6 DNCETCTCYE 15
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Similarity 70.0%;
7; Conservation
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Ashkenazi, Avi
Botstein, David
                                                                                                                                                                                                                                                                                                                                                                                             DNCNRCTCQE 129
Goddard, A.
Godowski, Paul J.
Grimaldi, Christopher J.
                                                       Gerber, Hanspeter
Gerritsen, Mary E.
                                                                                             Gao, Wei-Qiang
                                                                                                             Fong,
                                                                                                                                Ferrara, Napoleone
Filvaroff, Ellen
                                                                                                                                                                    Eaton, Dan L.
                                                                                                               Sherman
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mismatches
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US-09-902-775A-12
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PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/146,298
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-26
PRIOR PILING DATE: 1999-09-08
PRIOR PILING DATE: 1999-09-19
PRIOR APPLICATION NUMBER: PCT/US99/2094
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR PILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR APPLICATION NUMBER: PCT/US99/28564
                            RESULT 11
                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS:
SEQ ID NO 12
LENGTH: 164
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                                                                                                                                                                                                      Matches
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APPLICANT:
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PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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CURRENT APPLICATION NUMBER: US/09/905,125A
CURRENT FILING DATE: 2001-07-12
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                                      Local Similarity
nes 7; Conserv
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FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/30095
FILING DATE: 1999-12-16
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                                                                                                     DNCNRCTCQE
                                                                                                                                                    DNCETCTCYE 15
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Kljavin, Ivar J.
Mather, Jennie P.
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                                                                                                                                                                                                      Conservative
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Part, Timothy A.
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                                                                                                                                                                                                      Score 47; DB Pred. No. 32; O; Mismatches
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                                                                                                                                                                                                                                                     Length 164;
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Sequence 12, Application US/09902775A Patent No. 6686451 GENERAL INFORMATION:

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APPLICANT: Genentech, Inc. APPLICANT: Ashkenazi, Avi APPLICANT: Botstein, David

APPLICANT

PPLICANT PPLICANT

> Eaton, Dan L. Ferrara, Napoleone Filvaroff, Ellen Eaton, Dan L.

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Query Match
Best Local Similarity 70.0
Thes 7; Conservative
                                                                                                                                                                      SEQ ID NO 12
                                                                                                  TYPE: PRT
ORGANISM: Homo sapiens
-09-902-775A-12
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CURRENT FILING DATE: 2001-07-10
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 423
                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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                                                                                                                                         LENGTH: 164
TYPE: PRT
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FILING DATE: 2000-02-22
APPLICATION NUMBER: US 60/143,048
FILING DATE: 1999-07-07
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FILING DATE: 1999-07-28
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APPLICATION NUMBER: US 60/145,698
FILING DATE: 1999-07-26
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                                                                                                                                                                                                                                                                             APPLICATION NUMBER: PCT/US99/30911 FILING DATE: 1999-12-20
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APPLICATION NUMBER: PCT/US99/28565
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6 DNCETCTCYE 15
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Gerritsen, Mary E.
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Grimaldi, Christopher J.
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Hillan, Kenneth, J.
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art, Timothy A.
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                                               46.5%;
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                                               Score 47;
Pred. No.
                                               DB 4;
                                                                 Length 164;
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RESULT 12
US-09-906-700-12
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PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR TILING DATE: 2000-02-22
PRIOR FILING DATE: 1990-07-26
PRIOR FILING DATE: 1999-07-07
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR APPLICATION NUMBER: PCT/US99/20944
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PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-00
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/906,700
CURRENT FILING DATE: 2000-09-18
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PRIOR APPLICATION NUMBER: PCT
PRIOR FILING DATE: 1999-09-15
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                                       OR FILING DATE: 1999-12-02
OR APPLICATION NUMBER: PCT/US99/30095
OR FILING DATE: 1999-12-16
OR APPLICATION NUMBER: PCT/US99/30911
OR FILING DATE: 1999-12-20
OR APPLICATION NUMBER: PCT/US99/30999
OR APPLICATION NUMBER: PCT/US99/30999
OR APPLICATION UMBER: PCT/US99/30999
OR FILING DATE: 1999-12-20
                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/21547
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APPLICATION NUMBER: PCT/US99/21090
FILING DATE:
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Ashkenazi, Avi
Botstein, David
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Mather, Jennie P.
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Hillan, Kenneth, J.
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Grimaldi, Christopher
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Filvaroff, Ellen
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                       PCT/US00/00219
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; ORGANISM: Homo sapiens
US-09-906-700-12
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CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: US 60/146,222
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SEQ ID NO 12
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: GNE.1618P2C12
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Local Similarity 70.0%;
es 7; Conservation
                                                                                                                     APPLICATION NUMBER: PCT/US99/20944
FILING DATE: 1999-09-13
APPLICATION NUMBER: PCT/US99/21090
FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/21547
                                                                                                                                                                                                                FILING DATE: 1999-07-28
APPLICATION NUMBER: PCT/US99/20594
FILING DATE: 1999-09-08
                                                                  FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
               APPLICATION NUMBER: PCT/US99/28214
FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US99/28313
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Mather, Jennie P.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Filvaroff, Ellen
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Botstein, David
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art, Timothy A.
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1999-11-30
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Pred. No. 32;
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; SEQ ID NO 12
FNGTH: 164
              PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
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                                                                                                                                                                          FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,920A
CURRENT FILING DATE: 2001-07-13
                                                                                                                                                                                                                            APPLICANT: Tunnas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wolliams, I.
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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TYPE: PRT
ORGANISM: Homo sapiens
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FILING DATE: 1999-12-20
APPLICATION NUMBER: PCT/US99/30999
FILING DATE: 1999-12-20
FILING DATE: 1999-07-28
APPLICATION NUMBER: PCT/US99/20594
FILING DATE: 1999-09-08
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APPLICATION NUMBER: PCT/US99/30095
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FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/28565
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Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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Stewart, Timothy A.
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Grimaldi, Christopher
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Filvaroff, Ellen
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Botstein, David
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LENGTH: 164
TYPE: PRT
ORGANISM: Homo sapiens
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PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
     APPLICANT: Tumas, baniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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REFERENCE: 10466-14
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APPLICATION NUMBER: PCT/US99/28564
FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/28565
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FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US99/28313
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FILING DATE: 1999-12-20
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FILING DATE: 1999-12-16
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APPLICATION NUMBER: PCT/US99/23089
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FILING DATE: 1999-09-13
APPLICATION NUMBER: PCT/US99/21090
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Similarity 70.0%;
7; Conservative
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Ashkenazi, Avi
Botstein, David
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Cao, Wei-Qiang
                                                                                             Roy, Margaret Ann
Stewart, Timothy A.
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Mather, Jennie P.
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Hillan, Kenneth, J.
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Grimaldi, Christopher J.
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Filvaroff, Ellen
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; LENGTH: 164
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-909-064-12
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PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR TILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR PPLICATION NUMBER: PCT/US99/23089
PRIOR PPLICATION NUMBER: PCT/US99/23089
PRIOR PILING DATE: 1999-10-05
PRIOR PILING DATE: 1999-11-29
PRIOR PILING DATE: 1999-11-29
PRIOR PILING DATE: 1999-11-29
PRIOR PILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR PILING DATE: 1999-12-02
PRIOR PILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR PILING DATE: 1999-12-16
PRIOR PILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR PILING DATE: 1999-12-16
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CURRENT FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR FILING DATE: 1999-07-07
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
                                                                                                      Query Match
Best Local Similarity
Matches 7; Conserv
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                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 423
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PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION UNMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
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                                                       DNCETCTCYE 15
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Search completed: July 27, Job time: 9.20364 secs 2005, 19:28:41

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Maximum Match 100%
Listing first 45 summaries
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                                                                                                                                                                                                                                                                                    score greater than or equal to the score of the result bein and is derived by analysis of the total score distribution.
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seg length: 2000000000
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1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*

2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*

4: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*

5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*

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8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

9: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
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Match Length
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/ Cgn2_6/ptodata/1/pubpaa/US10D_PUBCOMB.pep:*
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US-10-948-229-58
US-11-004-270-58
US-11-004-273-58
US-11-004-273-58
US-10-948-229-59
US-11-004-270-59
US-11-004-270-59
US-11-004-273-59
US-09-977-406A-61
US-10-948-229-60
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## ALIGNMENTS

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RESULT 1
US-09-977-406A-59
Sequence 59, Application US/09977406A
Publication No. US20030170220A1
GENERAL INFORMATION:
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                                                                                                                                         ; OTHER INFORMATION: US-09-977-406A-59
                                                                                                                                                                                        SOFTWARE: PatentIn version 3.1
SEQ ID NO 59
LENGTH: 16
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                     Matches
                                                                                                     Query Match
                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: CA 2,355,334
PRIOR FILING DATE: 2001-08-20
NUMBER OF SEQ ID NOS: 92
                                                                                                                                                                                                                                                                                                                                       APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
FILE REFERENCE: 06508-030-US-03
CURRENT APPLICATION NUMBER: US/09/977,406A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: CA 2,321,256
PRIOR FILING DATE: 2000-10-16
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                                                                                      Local Similarity
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                  SEWQTDNCETCTCYET 16
SEWOTDNCETCTCYET
                                                                 100.0%; ilarity 100.0%; Conservative (
                                                                                                                                                        Polypeptide derived from rHuPSP94 sequence
16
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                                                                   Score 101; DB 10;
Pred. No. 1.6e-06;
; Mismatches 0;
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                                                                                                                                                          (polypeptide analog)
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RESULT 2

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; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-270-58
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LENGTH: 16
TYPE: PRT
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SEQ ID NO 58
LENCTH: 16
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Panchal, of APPLICANT: Wu, Jinzi APPLICANT: Beliveau, APPLICANT: Ruiz, Maa APPLICANT: Garde, SeapplicanT: Annabi, I
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Publication No.
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Best Local Similarity
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Best Local :
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APPLICANT: Daigneault, Luc
APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
PILE REFERENCE: BKP-020
CURRENT APPLICATION NUMBER: US/11/004,270
CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR FILING DATE: 2004-09-24
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CURRENT FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS FILE REFERENCE: BKP-022
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APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
                                                                                                                                                                                                                                                            SOFTWARE: PatentIn version 3.3
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                                                                                                                                                                                   ORGANISM: Artificial
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Bouzeghrane, Mounia
Daigneault, Luc
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                                                          Conservative
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                                                        Score 101; DB 20;
Pred. No. 1.6e-06;
0; Mismatches 0;
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Pred. No. 1.6e-06;
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CURRENT APPLICATION NUMBER: US/11/004,273;
CURRENT FILING DATE: 2004-12-02;
PRIOR APPLICATION NUMBER: US 10/948,229;
PRIOR FILING DATE: 2004-09-24;
PRIOR APPLICATION NUMBER: CA 2,441,695;
PRIOR FILING DATE: 2003-09-26;
PRIOR FILING DATE: 2003-09-26;
NUMBER OF SEQ ID NOS: 99;
SOFTWARE: PATENTIN VERSION 3.3;
SEQ ID NO 58;
LENGTH: 16
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; Sequence 58, Application US/11004273
; Publication No. US20050148514A1
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; OTHER INFORMATION: PCK3145 derivative
US-11-004-273-58
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                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 60, Application US/09977406A Publication No. US20030170220A1 GENERAL INFORMATION:
                                                                                                                                                                                    SOFTWARE: PatentIn version 3.1 SEQ ID NO 60
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Best Local
 Matches
                    Best Local Similarity
                                    Query Match
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APPLICANT: Hawkins, Robert
TITLE OF INVENTION: METHOD AND COMPOSITION
FILE REFERENCE: BKP-021
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: APPLICANT:
                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/09/977,406A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: CA 2,321,256
PRIOR FILING DATE: 2000-10-16
                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 92
                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: CA 2,355,334
PRIOR FILING DATE: 2001-08-20
                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: 06508-030-US-03
                                                                                                                                                                                                                                                                                                                                                               APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                            ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                              TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Artificial
                                                                                         OTHER INFORMATION: Polypeptide derived from rHuPSP94 sequence (polypeptide analog)
                                                                                                                                                                   ENGTH:
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Annabi, Borhane
Lamy, Sylvie
Bouzeghrane, Mounia
Daigneault, Luc
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Conservative
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                 100.0%; Score 101; DB 10; 100.0%; Pred. No. 1.7e-06
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 Gaps
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RESULT 6 US-10-948-229-59

SENERAL INFORMATION:

Application US/10948229 o. US20050096273A1

APPLICANT: Panchal, Chandra J APPLICANT: Daigneault, Luc APPLICANT: Hawkins, Robert

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16

CURRENT APPLICATION NUMBER: US/10/948,229
CURRENT FILING DATE: 2004-09-24

FILE REFERENCE: BKP-022

APPLICANT:

Garde, Seema

Ruiz, Marcia

; OTHER INFORMATION: PSP94 family member US-10-948-229-59

TYPE: PRT
ORGANISM: Artificial Sequence
PEATURE:

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TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
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SEQ ID NO 59
LENGTH: 17
TYPE: PRT
                                                                         SOFTWARE: PatentIn version 3.1
SEQ ID NO 61
LENGTH: 18
                                                                                                                                                                                                                                                                    Sequence 61, Application US/09977406A
Publication No. US20030170220A1
GENERAL INFORMATION:
APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
FILE REFERENCE: 06508-030-US-03
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Best Local Similarity
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                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/977,406A CURRENT FILING DATE: 2001-10-15 PRIOR APPLICATION NUMBER: CA 2,321,256 PRIOR FILING DATE: 2000-10-16 PRIOR APPLICATION NUMBER: CA 2,355,334 PRIOR FILING DATE: 2001-08-20 PRIOR FILING DATE: 2001-08-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Daignéault, Luc
APPLICANT: Hawkins, Robert
TITLE OF INVENTION: WETHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
FILE REFERENCE: BKP-021
CURRENT APPLICATION NUMBER: US/11/004,273
CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR FILING DATE: 2004-09-24
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PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
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                                                                                                                                      NUMBER OF SEQ ID NOS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial
OTHER INFORMATION: Polypeptide derived from rHuPSP94 sequence (polypeptide analog)
                    ORGANISM: Artificial Sequence FEATURE:
                                                             TYPE:
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Lamy, Sylvie
Bouzeghrane, Mounia
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Beliveau, Richard
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Pred. No. 1.7e-06;
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Score 101; DB 17; Pred. No. 1.7e-06; Mismatches

밁 ; OTHER INFORMATION: PCK3145 derivative US-11-004-270-59 US-11-004-270-59 SOFTWARE: PatentIn SEQ ID NO 59 GENERAL INFORMATION: CURRENT APPLICATION NUMBER: US/11/004,270 CURRENT FILING DATE: 2004-12-02 PRIOR APPLICATION NUMBER: US 10/948,229 PRIOR FILING DATE: 2004-09-24 PRIOR APPLICATION NUMBER: CA 2,441,695 PRIOR APPLICATION NUMBER: CA 2,441,695 APPLICANT: Lamy, Sylvie
APPLICANT: Bouzeghrane, Mounia
APPLICANT: Daigneault, Luc
APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
FILE REFERENCE: BKP-020 APPLICANT: Panchal APPLICANT: Wu, Ji PRIOR FILING DATE: 2003-09-26 NUMBER OF SEQ ID NOS: 99 APPLICANT: APPLICANT: TYPE: PRT
ORGANISM: Artificial
FEATURE: ENGTH: 17 N SEWQTDNCETCTCYET 16 SEWQTDNCETCTCYET 17 Garde, Seema Wu, Jinzi Beliveau, Richard Application US/11004270 10. US20050147601A1 Ruiz, Marcia version 3.3 Borhane Chandra J.

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CURRENT APPLICATION NUMBER: US/10/948,229
CURRENT FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 91
SOFTWARE: PatentIn version 3.3
SEQ ID NO 60
LENGTH: 18
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PSP94 family member
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Publication No. US20050096273A1
GENERAL INFORMATION:
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SOFTWARE: PatentIn version 3.3 SEQ ID NO 60
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Best Local
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APPLICANT:
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APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
                                                                                    CURRENT APPLICATION NUMBER: US/11/004,270
CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
                                                                                                                                                                 APPLICANT: Hawkins, Robert
TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
FILE REFERENCE: BKP-020
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                                    NUMBER OF SEQ ID NOS: 99
                                                   PRIOR APPLICATION NUMBER: CA 2,441,695 PRIOR FILING DATE: 2003-09-26
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APPLICANT: Wu, Jinzi
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Beliveau, Richard
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Bouzeghrane, Mounia
Daigneault, Luc
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US-09-977-406A-62
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                 Sequence 62, Application US/09977406A
publication No. US20030170220A1
GENERAL INFORMATION:
APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
FILE REFERENCE: 06508-030-US-03
CURRENT APPLICATION NUMBER: US/09/977,406A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: CA 2,321,256
PRIOR APPLICATION NUMBER: CA 2,355,334
PRIOR PILING DATE: 2001-00-8-20
NUMBER OF CENTRAL CONTRAL CONT
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SOFTWARE: Patentin version 3.3
SEQ ID NO 60
LENGTH: 18
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Publication No. US20050148514A1
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CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
PRIOR FILING DATE: 2003-09-26
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NUMBER OF
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ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: PCK3145 derivative
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ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: PCK3145 derivative
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SEQ ID NOS:
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Daigneault, Luc
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RESULT 15
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; OTHER INFORMATION: Polypeptide derived from rHuPSP94 sequence (polypeptide analog)
US-09-977-406A-62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: PSP94 family member US-10-948-229-61
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                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Panchal;
APPLICANT: Wu, Jinzi
APPLICANT: Beliveau,
APPLICANT: Garde, Se
APPLICANT: Annabi, B
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Matches 16
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APPLICANT: Garde, Seema
APPLICANT: Garde, Seema
TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
FILE REFERENCE: BKP-022
FILE REPERINGE: US/10/948,229
CURRENT PILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER: OF SEQ ID NOS: 91
SOFTWARE: PATENTIN VERSION 3.3
SEQ ID NO 61
LENGTH: 19
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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LENGTH: 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 61, Application US/10948229
Publication No. US20050096273A1
GENERAL INFORMATION:
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Best Local Similarity
Matches 16; Conserva
APPLICANT: Lamy, Sylvie
APPLICANT: Lamy, Sylvie
APPLICANT: Bouzeghrane, Mounia
APPLICANT: Baigneault, Luc
APPLICANT: Hawkins, Robert
TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
FILE REFERENCE: BKP-020
CURRENT APPLICATION NUMBER: US/11/004,270
CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Panchal, Chandra J
APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
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ORGANISM: Artificial Sequence
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Hawkins, Robert
Ruiz, Marcia
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Beliveau, Richard
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                                                                                                                                                                                                                                                                                          Chandra J
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PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
SOFTMARE: Patentin version 3.3
SEQ ID NO 61
LENGTH: 19
TYPE: PRT
ORGANISM: Artificial
PEATURE:
ORGANISM: Artificial
PEATURE:
ORGANISM: ORGANISM: PCK3145 derivative
US-11-004-270-61

Query Match
Best Local Similarity 100.0%; Score 101; DB 20; Length 19;
Matches 16; Conservative 0; Mismatches 0; Indels 0;
Matches 16; Conservative 0; Mismatches 0; Indels 0;

Qy 1 SEWQTDNCETCTCYET 16
Db 4 SEWQTDNCETCTCYET 19
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Gaps

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Search completed: July 27, 2005, 20:06:05 Job time: 31.1964 secs

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Result
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1: /cgm2 6/ptodata/1
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                         US-07-899-535A-1
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US-07-899-535A-3
US-08-25-2
US-08-26-525-2
US-08-26-33-216-2
US-08-937-236-3
US-08-937-236-3
US-08-937-236-2
US-08-937-236-2
US-08-937-236-2
US-08-937-236-2
US-08-937-236-5
US-08-937-236-5
US-08-937-236-5
US-08-937-236-5
US-08-937-236-5
US-08-937-236-5
US-08-69-214-6
US-08-347-594A-2
US-08-347-594A-2
US-09-381-261A-1
US-09-381-261A-1
US-09-381-261A-1
US-09-381-261A-7
US-09-199-386-1
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	US-09-949-016-11112	US-09-724-864-44	US-09-270-767-48004	US-09-270-767-32787	US-09-662-478C-2	US-09-886-900A-2	US-09-132-652-2	US-08-896-449A-2	US-09-949-016-10297	US-09-949-016-5902	US-09-579-536C-1	US-09-195-524-6	US-09-917-254-85	US-09-566-047-2	US-09-855-722-7	US-09-068-740A-11	US-09-214-278-7	US-08-882-046-2
	Sequence 11112, A	Sequence 44, Appl	Sequence 48004, A	Sequence 32787, A	Sequence 2, Appli	Sequence 2, Appli	Sequence 2, Appli	Sequence 2, Appli	Sequence 10297, A	Sequence 5902, Ap	Sequence 1, Appli	Sequence 6, Appli	Sequence 85, Appl	Sequence 2, Appli	Sequence 7, Appli	Sequence 11, Appl	Sequence 7, Appli	Sequence 2, Appli

# ALIGNMENTS

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; TOPOLOGY: lir
; MOLECULE TYPE:
; HYPOTHETICAL: N
US-07-899-535A-1
Query Match
Best Local Similarity
"---hes 45; Conserv?
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US-07-899:535A-1
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APPLICANT: Sheth, Anil R.
APPLICANT: Sheth, Seema
APPLICANT: Panchal, Chandra J.
TITLE OF INVENTION: Pharmaceuttle
TITLE OF INVENTION: Adenocarcino
TITLE OF INVENTION: Adenocarcino
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ZIP: 22202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Ve
CURRENT APPLICATION DATA:

COURTENT APPLICATION DATA:

TOWN WITHMERD: TIC/17/899.535A
                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/07/899,535A
FILING DATE: 16-JUN-1992
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Loud, George A.
REGISTRATION NUMBER: 25,814
REFERENCE/DOCKET NUMBER: $&B-A835
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-415-0960
                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 94 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
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TELEFAX: /--
TEX: 24 8614
                                                                                                                                                                                                                                                                           TELEPHONE: 703-415-0962
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CITY: Arlington
STATE: Virginia
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5. 5428011
                                                                                                                                                                                      amino acids
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2001 Jefferson Davis Highway, Suite 306
                100.0%; Score 268; DB 1; ilarity 100.0%; Pred. No. 3.3e-28; Conservative 0; Mismatches 0;
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                                                                                                           .. protein
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Inhibiting Tumours Associated With Prostate
Adenocarcinoma, Stomach Cancer and Breast Cancer.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Duclert, A.
APPLICANT: Giordano, J.Y.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
Patent No. 6783961
FILE REFERENCE: 59.US2.REG
CURRENT APPLICATION NUMBER: US/09/513,999C
CURRENT APPLICATION NUMBER: US/09/513,999C
CURRENT FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR PILING DATE: 1999-02-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 36681
SOFTWARE: Patent.pm
SEQ ID NO 7807
LENGTH: 114
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OTHER INFORMATION: seq VVIFATFVTLCNA/SC
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                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: FIM PC COMPATION
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/07/899,535A
FILING DATE: 16-UUN-1992
CLASSIFICATION: 514
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                       STREET: 2000
CITY: Arlington
CTATE: Virginia
ATTORNEY/AGENT INFORMATION:
NAME: Loud, George A.
REGISTRATION NUMBER: 25,
                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Panchal, Chandra J.
TITLE OF INVENTION: Pharmaceutical Preparations For
TITLE OF INVENTION: Inhibiting Tumours Associated With Prostate
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
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                                                                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
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2001 Jefferson Davis Highway, Suite 306
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Pred. No. 4.1e-28;
; Mismatches 0;
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; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-726-525-2
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              Query Match
Best Local Similarity
    Matches
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                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/487,94
PILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET NUMBER: G152
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8224
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APPLICANT: Lin, I
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TELEX: 24 8614
INFORMATION FOR SEQ ID NO:
                                                                                                                          INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 176 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Graham, James
TITLE OF INVENTION: NOVEL
TITLE OF INVENTION: BINTRA
TITLE OF INVENTION: BINDII
NUMBER OF SEQUENCES: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS LENGTH: 17 amino acid
                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIA RELEASE #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: LEGAL AFFAIRS, GENE-
STREET: 87 CambridgePark Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: S6
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-415-0960
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                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/0 FILING DATE: 07-OCT-1996 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 87 Cambridge
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          l Similarity
17; Conserv
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GY: linear
                                                                                                          amino acid
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 Conservative
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100.0%; Pr
                29.5%;
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Pred. No.
Score 79; DB
Pred. No. 0.00
5; Mismatches
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                   , 009 ;
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                               Length 176;
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   Gaps
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RESULT 6
US-08-726-036A-2
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US-08-487-942-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 2, Application US/08726036A Patent No. 5981482
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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Best Local (
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Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (617) 876-5851 INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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APPLICANT: Graham, James
TITLE OF INVENTION: NOVEL
TITLE OF INVENTION: INTRACTION: BINDIN
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                              APPLICANT: Lin, Lih-Ling
APPLICANT: Graham, James
TITLE OF INVENTION: NOVEL INTERLEUKIN-1 RECEPTOR
TITLE OF INVENTION: INTRACELLULAR LIGAND PROTEINS AND INHIBITORS OF LIGAND
TITLE OF INVENTION: BINDING
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NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET NUMBER: G15258
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                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
STATE: MA
COUNTRY: US
ZIP: 02140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 176 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                     STREET:
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                                                                                                                           CITY: Cambridge
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                                                                                                                                                                                                           ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Match 29.5%;
Local Similarity 41.4%;
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    Application US/08487942
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87 CambridgePark Drive
                                                                                                                                                                 E: LEGAL AFFAIRS, GENETICS INSTITUTE, 87 CambridgePark Drive
                                              USA
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INTRACELLULAR LIGAND PROTEINS AND INHIBITORS OF LIGAND
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Pred. No. 0.009;
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APPLICANT: Lin, Lin-Ling
APPLICANT: Craham, James
TITLE OF INVENTION: NOVEL
TITLE OF INVENTION: INTRAC
TITLE OF INVENTION: BINDIN
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (617) 876-5851 INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS: LENGTH: 176 amino acids
                                                                     FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: BIOWIL, SCOOL A.
REGISTRATION NUMBER: 32,724
REFERENCE/DOCKET NUMBER: G152
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8224
                                   TELEFAX: (617) 876-5851 INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Brown, Scott A.
REGISTRATION NUMBER: 32,724
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                         CLASSIFICATION:
PRIOR APPLICATION NUMBER: (
                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8224
                   SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/09/083,516
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ZIP: 02140
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TOPOLOGY: linear
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176 amino acids
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41.4%;
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                                                                                                                                                                                                             08/487,942
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Pred. No. 0.009;
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                     US-08-937-236-6
                                      RESULT 9
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                                                                                                                                                               Matches
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Best Local Similarity
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INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1276 amino acids
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APPLICATION NUMBER: 08/569,21
FILING DATE: 16 SEPTEMBER 199
ATTORNEY/AGENT INFORMATION:
NAME: LIVNAT, SHNUEL
REGISTRATION NUMBER: 33,949
REFERENCE/DOCKET NUMBER: 2914
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UNMBER: US/08/937,236
FILING DATE:
CLASSIFICATION: 424
CLASSIFICATION: 424
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                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (202) 887-0763
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 2000 PENE
CITY: WASHINGTON
                                                                                                                                                                                                                                                 TYPE: amino acid
STRANDEDNESS: si
TOPOLOGY: linear
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                                                                                       1084 KCVESKGSDGKITHKWEIDTERSNANPKPRNPCETATCNQT 1124
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                                                                                                                       17 KCMDLKGNKHPINSEWQTDN------CETCTCYET 45
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PETRI, WILLIAM A.
                                                                                                                                                               Conservative
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TEMBER 1997
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                                                                                                                                                         Score 67; DB 3; Length 1276; Pred. No. 3.6; 6; Mismatches 10; Indels
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Pred. No. 0.009;
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Patent No. 6165469
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APPLICANT: MANN,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 1277 amino acids
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: PETRI, WILLIAM A.
APPLICANT: DODSON, JAMES M.
TITLE OF INVENTION: RECOMBINANT ENTAMOEBA HISTOLYTICA LECTIN
TITLE OF INVENTION: SUBUNIT PEPTIDES AND REAGANTS SPECIFIC FOR MEMBERS OF THE
TITLE OF INVENTION: 170 KD SUBUNIT MULTIGENE FAMILY
                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 2000 PENNSYLVANIA AVENUE N.W.,
                                                                                                                                                                                                                                                                                                                                                            APPLICANT: MANN, BARBARA J.
APPLICANT: PETRI, WILLIAM A.
APPLICANT: PETRI, WILLIAM A.
TITLE OF INVENTION: RECOMBINANT ENTAMOEBA HISTOLYTICA LECTIN
TITLE OF INVENTION: SUBUNIT PEPTIDES AND REAGANTS SPECIFIC FOR MEMBERS OF
TITLE OF INVENTION: 170 KD SUBUNIT MULTIGENE FAMILY
NUMBER OF SEQUENCES: 10
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
TELEPAX: (202) 887-0763
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/569,214
FILLING DATE: 16 SEPTEMBER 1997
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT CHAPTER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 2000 PENNSYLVANIA AVENUE N.W., STE. 5500 CITY: WASHINGTON
                                                                          COUNTRY: USA
ZIP: 200006-1812
                                                                                                                                                                 STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: LIVNAT, SHMUEL REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 424
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                                                                                                                                                                                                  CITY: WASHINGTON
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1084 KCVESKGSDGKITHKWEIDTERSNANPKPRNPCETATCNQT 1124
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BR: 291482000622
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IBM PC compatible

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US-08-937-236-2
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Patent No. 618731
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Best Local Similarity 31.7%;
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US
FILING DATE: 17-JUN-1994
ATTORNEY/AGENT INFORWATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: 3:
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                                                                                                                                                                                                                             COUNTRY: USA
ZIF: 200006-1812
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/08/937,236
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: MANN, BARBARA J.
APPLICANT: PETRI, WILLIAM A.
APPLICANT: DODSON, JAMES M.
APPLICANT: DODSON, JAMES M.
TITLE OP INVENTION: RECOMBINANT ENTAMOEBA HISTOLYTICA LECTIN
TITLE OF INVENTION: SUBUNIT PEPTIDES AND REAGANTS SPECIFIC FOR MEMBERS OF THE
TITLE OF INVENTION: 170 KD SUBUNIT MULTIGENE FAMILY
NUMBER OF SEQUENCES: 12
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
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CORRESPONDENCE ADDRESS:
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NAME: LIVNAT, SHUTEL
REGISTRATION NUMBER: 33,949
REFERENCE/DOCKET NUMBER: 29:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
                                                                                                   FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/569,214
FILING DATE: 16 SEPTEMBER 1997
ATTORNEY/AGENT INFORMATION:
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 2000 PENNSYLVANIA AVENUE N.W., STE. 5500 CITY: WASHINGTON
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                                             291482000622
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          6; Mismatches
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US-08-937-236-2
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                                                                    Matches
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Best Local Similarity
Matches 13; Conserv
                                                                                     Best
                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: MANN, BARBARA J.
APPLICANT: PETRI, WILLIAM A.
TITLE OF INVENTION: RECOMBINANT ENTAMOEBA HISTOLYTICA LECTIN
TITLE OF INVENTION: SUBUNIT PEPTIDES AND REAGANTS SPECIFIC FOR MEMBERS OF THE
TITLE OF INVENTION: 170 KD SUBUNIT MULTIGENE FAMILY
                                                                                                                                                                                                                       TELEX: 90-4030
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION UNMBER: PCT/US94/06890
FILING DATE: 17-JUN-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/569,214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
ZIP: 200006-1812
COMPUTER READABLE FORM:
COMPUTER FIOPPY disk
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LENGTH: 1291 amino aci
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                                                                                                                                                    MOLECULE TYPE: protein
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CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                              NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,9
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 2000 PENICITY: WASHINGTON
                                                                                     Local Similarity
                                                                                                                                                                          TOPOLOGY:
                                                                                                                                                                                                                                                                           TELEFAX:
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1099 KCVESKGSDGKITHKWEIDTERSNANPKPRNPCETATCNQT 1139
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                                KCMDLKGNKHPINSEWQTDN-----CETCTCYET 45
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                                                                    Conservative
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31.7%;
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31.7%;
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                                                                                     Score 67; DB 3; Pred. No. 3.7;
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Pred. No. 3.
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                                                                                                                          GENERAL INFORMATION:
APPLICANT: MANN, BARBARA J.
APPLICANT: PETRI, WILLIAM A.
APPLICANT: DODSON, JAMES M.
TITLE OF INVENTION: RECONBINANT
TITLE OF INVENTION: 3UBUNIT PETRITLE OF INVENTION: 170 KD SUB
                                                                                                                                                                                                                                                     Sequence 5, Application US/08937236 Patent No. 6187310
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 6, Application US/08569214
Patent No. 6165469
                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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Best Local Similarity
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APPLICANT: MANN,
APPLICANT: PETRI,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US94/06890
FILING DATE: 17-JUN-1994
ATTORNEY/AGENT INFORMATION:
NAME: MURASHICE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 9148-0006.21
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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CLASSIFICATION: 424
PRIOR APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
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                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                       NUMBER OF SEQUENCES:
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CTTY: WASHINGTON
                        STREET: 2000 FENI
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STRANDEDNESS: si
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STREET: 2000 PENNSYLVANIA AVENUE N.W., STE. 5500
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                                                                     ADDRESSEE:
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200006-1812
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USA
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                                                                     MORRISON & FOERSTER
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SUBUNIT PEPTIDES AND REAGANTS SPECIFIC FOR MEMBERS OF THE
170 KD SUBUNIT MULTIGENE FAMILY
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Pred. No. 3
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3.7;
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                                                    STE. 5500
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US-08-569-214-2
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Matches 13; Conserv
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                                                                                                                                                                                         COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPUTER: PATENT PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Vo

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/569,214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: MANN, BARBARA J.
APPLICANT: PETRI, WILLIAM I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                      FILING DATE:
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION UNMBER: PCT/US94/06890
FILING DATE: 17-JUN-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: RECOMBINANT ENTAMOEBA HISTOLYTICA LECTIN TITLE OF INVENTION: SUBUNIT PEPTIDES AND REAGANTS SPECIFIC FUTILE OF INVENTION: 170 KD SUBUNIT MULTIGENE FAMILY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION: TELEPHONE: (202) 887-1500 TELEPAX: (202) 887-0763
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/569
FILING DATE: 16 SEPTEMBER
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 200006-1812
COMPUTER READABLE FORM:
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REFERENCE/DOCKET NUMBER: 91
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TELEFAX: 90-4030
TOTEX: 90-8EQ
                                NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
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)GY: linear
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2000 PENNSYLVANIA AVENUE N.W., STE. 5500
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TEMBER 1997
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                    9148-0006.21
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Pred. No. 3.7;
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DB seq length: 2000000000
Published Applications AA:*

1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*

3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*

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4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*

5: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

6: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*

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9: /cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep:*

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21: /cgn2_6/ptodata/1/pubpaa/US10A_PUB.pep:*
             July 27, 2005, 19:20:53; Search time 84.9273 Seconds (without alignments) 206.113 Million cell updates/sec
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268
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Maximum Match 100%
Listing first 45 summaries
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(c) 1993 - 2005 Compugen Ltd
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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SUMMARIES	

1 2 3 5 5 4 4 7 7 10 11 11	Result
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100.0 100.0 100.0 100.0 100.0 100.0	Query Match
1 2 2 3 3 4 4 4 4 4 4 4 4 4 4 4 4 5 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	% Query Match Length
10 20 17 17 17 20 20 20	DB
US-09-977-46A-88 US-10-948-229-87 US-11-004-270-87 US-11-004-273-87 US-09-977-46A-1 US-10-291-360-1 US-10-857-358-1 US-10-948-229-1 US-11-004-273-1 US-11-004-273-1 US-11-004-273-1 US-09-977-46A-2	ID
Sequence 88, Appl Sequence 87, Appl Sequence 87, Appl Sequence 87, Appli Sequence 1, Appli Sequence 2, Appli Sequence 2, Appli	Description

RESULT 2

.0 102 20 US-11-004-270-2 Sequence 114 13 US-10-012-896-103 Sequence 20 114 14 US-10-205-823-271 Sequence 20 114 14 US-10-246-78A-1003 Sequence 21 14 15 US-10-294-025-103 Sequence 21 14 15 US-10-294-025-103 Sequence 21 14 15 US-10-294-758A-532 Sequence 21 14 15 US-10-291-172-236 Sequence 21 14 15 US-10-291-756A-532 Sequence 21 14 15 US-10-291-73-86 Sequence 21 14 17 US-10-408-7532 Sequence 21 14 17 US-10-948-229-86 Sequence 21 14 10 US-09-977-406A-86 Sequence 21 14 10 US-09-977-406A-86 Sequence 21 14 17 US-11-004-270-86 Sequence 21 14 17 US-11-004-273-85 Sequence 21 14 17 US-11-004-273-85 Sequence 21 14 17 US-11-004-273-84 Sequence 21 14 17 US-11-004-273-83 Sequence 21 14 15 US-09-977-406A-83 Sequence 21 US-09-	13	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	u u	34	J.	36	37	38	39	40	41	42	43	44	45
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	-10-291-360- -10-857-358- -10-949-229-	-10-857-358-	-10-948-229-	-11-004-270-	-11-004-273-	-10-012-896-100	-10-205-823-2	-10-144-678A-100	-10-294-0	-10-291-	-10-221-	-10-408-765A-53	9-	-09	-10-948-	-11-004-	-11-004-	-09-977-	-10-948	-11-004	-11-004-273-8	-09-977-406A-	-10-948-22	-11-004-	-11-004-	-09-977-406A-	-10-948-22	-11-004-270	-11-004-273-8	-09-977-406A-	-10-948-229-	-11-004-270-	-11-004-273-8	-09-977-406A-
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                                                                                                                                                                                                                                          ; SEQ ID NO 88
; LENGTH: 45
; TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 88, Application US/09977406A Publication No. US20030170220A1 GENERAL INFORMATION:
                                                                              Matches
                                                                                                                  Query Match
                                                                                                   Best
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PRIOR APPLICATION NUMBER: CA 2,321,256
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: CA 2,355,334
PRIOR APPLICATION NUMBER: CA 2,355,334
PRIOR FILING DATE: 2001-08-20
NUMBER OF SEQ ID NOS: 92
SOPTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
FILE REFERENCE: 06508-030-US-03
CURRENT APPLICATION NUMBER: US/09/977,406A
                                                                                                                                                                               OTHER INFORMATION: Polypeptide derived from rHuPSP94 sequence
                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
                                                                                               Local Similarity
                                                                              45;
                   1 SCYFIPNEGVPGDSTRKCMDLKGNKHPINSEWQTDNCETCTCYET 45
                                                                              Conservative
                                                                                               100.0%; Score 268; DB 1 100.0%; Pred. No. 1e-26;
                                                                            0;
                                                                              Mismatches
                                                                                                                  DB 10;
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                                                                                                                Length
                                                                            Indels
                                                                            0;
                                                                                                                                                                               (polypeptide analog)
                                                                              Gaps
                                                                              0
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FILE REFERENCE: BKP-022
CURRENT APPLICATION NUMBER: US/10/948,229
CURRENT FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 91
SOFTWARE: Patentin version 3.3
SEQ ID NO 87
LENGTH: 45
TYPE: PRI
ORGANISM: Artificial Sequence
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                                                                                                                       ; OTHER INFORMATION: PCK3145 derivative US-11-004-270-87
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                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
SOFTWARE: Patentin version 3.3
SEQ ID NO 87
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APPLICANT: Wu, Jii
APPLICANT: Belives
APPLICANT: Ruiz, N
APPLICANT: Garde,
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Publication No.
                                                    Matches
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Best Local Similarity
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APPLICANT:
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APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/11/004,270
CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
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TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
FILE REFERENCE: BKP-020
                                                                                                                                                            LENGTH: 45
TYPE: PRT
ORGANISM: Artificial
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1 SCYFIPNEGVPGDSTRKCMDLKGNKHPINSEWQTDNCETCTCYET 45
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Bouzeghrane, Mounia
Daigneault, Luc
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                                                      Conservative
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                                                   100.0%; Score 268; DB 20; 100.0%; Pred. No. 1e-26; tive 0; Mismatches 0;
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Pred. No. 1e-26;
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TITLE OF INVENTION: METHOD AND COMPOSITION FOR
PILE REFERENCE: BKP-021
CURRENT APPLICATION NUMBER: US/11/004,273
CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR FILING DATE: 2004-09-26
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
NUMBER OF SEQ ID NOS: 99
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                                                                                                                                                                             SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 94
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Best Local Similarity
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APPLICANT: Panchal, Chandra J.
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                                                                                                                                                                                                                                                                                                    APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS
TILE REFERENCE: 06508-030-US-03
CURRENT APPLICATION NUMBER: US/09/977,406A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: CA 2,321,256
PRIOR FILING DATE: 2000-10-16
                                                                     ORGANISM: Homo sapiens
PUBLICATION INFORMATION:
AUTHORS: Ulvsback, M., Lindstrom, C., Weiber, H., Abrahamson, P.A., Lilja,
AUTHORS: Lundwall, A"
                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 92
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                TITLE: Molecular cloning of a small prostate protein, TITLE: microsemenoprotein, PSP94 or beta-inhibin, and TITLE: non-genital tissues.
                                                                                                                                                                 TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE: OTHER INFORMATION: PCK3145 derivative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH:
OURNAL:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 45;
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Biochem. Biophys. Res Commun
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Bouzeghrane, Mounia
Daigneault, Luc
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Pred. No. le-26;
0; Mismatches
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TITLE OF INVENTION: PSP-94: Use for Treatment of FILE REFERENCE: 06508-153
CURRENT APPLICATION NUMBER: US/10/857,358
CURRENT FILING DATE: 2004-06-01
PRIOR APPLICATION NUMBER: CA 2,361,736
PRIOR FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US/10/291,360
PRIOR FILING DATE: 2002-11-08
PRIOR FILING DATE: 2002-11-08
PRIOR FILING DATE: 2002-11-08
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SEQ ID NO 1

LENGTH: 94

TYPE: PRT
ORGANISM: Homo sapiens
ORGANISM: Homo sapiens
ORGANISM: Homo sapiens
ORGANISM: Lindous A., 
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DATABASE ENTRY DATE: 1988-08-01
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DATABASE ENTRY DATE: 1988-08-01
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PAGES: 1310-1315
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VOLUME: 164
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RESULT 9
US-11-004-270-1
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NUMBER OF SEQ ID NOS: 91
SOFTWARE: PatentIn version 3.3
SEQ ID NO 1
Sequence 1, Application US/11004270 Publication No. US20050147601A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/10/948,229
CURRENT FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Garde, Seema
TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
FILE REFERENCE: BKP-022
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Panchal, Chandra J
APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
APPLICANT: Hawkins, Robert
APPLICANT: Ruiz, Marcia
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PUBLICATION INFORMATION:
AUTHORS: Ulvsback, M., Lindstrom, C., Weiber, H., Abrahamson, P.A., Lilja, H.,
AUTHORS: Lundwall, A"
                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Homo
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TITLE: microsemenoprotein, PSP94 or beta-inhibin, and demonstration
TITLE: non-genital tissues.
JOURNAL: Biochem. Biophys. Res Commun.
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DATABASE ENTRY DATE: 1988-08-01
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Pred. No. 2.3e-26;
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APPLICANT: Panchal, Chandra J. APPLICANT: Wu, Jinzi

Wu, Jinzi Beliveau, Richard

APPLICANT: APPLICANT: APPLICANT:

Annabi, Garde, Seema Ruiz, Marcia

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; Sequence 2, Application US/09977406A; Publication No. US20030170220A1
                              RESULT 11
US-09-977-406A-2
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-004-273-1
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US-11-004-273-1
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-004-270-1
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                                                                                                                                                                                                      Matches
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 1
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PRIOR FILING DATE: 2004-09-24
PRIOR RPPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
SOFTWARE: PatentIn version 3.3
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APPLICANT: Bouzeghrane, Mounia
APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
FILE REFERENCE: BKF-021
CURRENT APPLICATION NUMBER: US/11/004,273
CURRENT FILING DATE: 2004-12-02
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PRIOR FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
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TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
FILE REFERENCE: BKP-020
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                                                                                                                                              SCYFIPNEGVPGDSTRKCMDLKGNKHPINSEWQTDNCETCTCYET 45
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Ruiz, Marcia
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                                                                                                                                                                                                100.0%; Score 268; DB 20; ilarity 100.0%; Pred. No. 2.3e-26; Conservative 0; Mismatches 0;
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PRIOR APPLICATION NUMBER: CA 2,321,256
PRIOR FILING DATE: 2001-10-15
PRIOR FILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: CA 2,355,334
PRIOR APPLICATION NUMBER: CA 2,355,334
PRIOR FILING DATE: 2001-08-20
NUMBER OF SEQ ID NOS: 92
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
LENGTH
                                                                                                                                                                                                                                                     RESULT 13
US-10-857-358-2
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Sequence 2, Application US/10857358
Publication No. US20050026833A1
GENERAL INFORMATION:
APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PSP-94: Use for Treatment of Hypercalcemia and Bone metastasis
FILE REFERENCE: 06508-153
CURRENT APPLICATION NUMBER: US/10/857,358
CURRENT FILING DATE: 2004-06-01
PRIOR APPLICATION NUMBER: CA 2,361,736
PRIOR APPLICATION NUMBER: US 10/291,360
PRIOR APPLICATION NUMBER: US 10/291,360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/10/291,360
CURRENT FILING DATE: 2002-11-08
PRIOR APPLICATION NUMBER: CA 2,361,736
PRIOR FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 2, Application US/10291360 Publication No. US20030119744A1 GENERAL INFORMATION:
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Best Local
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TITLE OF INVENTION: PSP-94: Use for Treatment of Hypercalcemia and Bone metastasis
FILE REFERENCE: 06508-051-US-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PHARMACUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
FILE REFERENCE: 06508-030-US-03
CURRENT APPLICATION NUMBER: US/09/977,406A
CURRENT FILING DATE: 2001-10-15
CURRENT FILING DATE: 2001-10-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
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Pred. No. 2.5e-26;
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Pred. No. 2.5e-26;
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; LENGTH: 102
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; CTHER INFORMATION: recombinant human PSP94 (rHuPSP94) produced from yeast US-10-857-358-2
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US-11-004-270-2
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US-10-948-229-2
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Publication No. US20050096273A1
GENERAL INFORMATION:
APPLICANT: Panchal, Chandra J
APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
APPLICANT: Ruiz, Marcia
APPLICANT: Ruiz, Marcia
APPLICANT: Ruiz, Marcia
APPLICANT: Garde, Seema
TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
                                                                                                                                                                                                                                                            Sequence 2, Application US/11004270 Publication No. US20050147601A1 GENERAL INFORMATION:
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NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn version 3.3 SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 100.0%; Score 268; DB 17; Best Local Similarity 100.0%; Pred. No. 2.5e-26; Matches 45; Conservative 0; Mismatches 0;
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CURRENT APPLICATION NUMBER: US/10/948,229
CURRENT FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 91
CURRENT APPLICATION NUMBER: US/11/004,270
                                   APPLICANT: Hawkins, Robert
TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE: OTHER INFORMATION: PSP94 derivative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 102
TYPE: PRT
ORGANISM: Artificial Sequence
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                                                                         Garde, Seema
Annabi, Borhane
Lamy, Sylvie
Bouzeghrane, Mounia
Daigneault, Luc
                                                                                                                                                                                                                                         Panchal, Chandra J.
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                                                                                                                                                                                                   Wu, Jinzi
Beliveau, Richard
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CURRENT FILING DATE: 2004-12-02

PRIOR APPLICATION NUMBER: US 10/948,229

PRIOR APPLICATION NUMBER: CA 2,441,695

PRIOR APPLICATION NUMBER: CA 2,441,695

PRIOR APPLICATION NUMBER: CA 2,441,695

PRIOR FILING DATE: 2003-09-26

PRIOR FILING DATE: 2003-09-26

PRIOR FILING DATE: 2003-09-26

PRIOR FILING DATE: 2003-09-26

PRIOR APPLICATION NUMBER: CA 2,441,695

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Search completed: July 27, 2005, 20:06:05 Job time: 84.9273 secs

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Maximum Match 100%
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US-08-469-526A-40
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US-08-736-664A-40
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US-09-270-767-6911
US-09-270-767-45410
US-09-270-767-45004
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Sequence 7807, Ap
Sequence 11112, A
Sequence 19, Appl
Sequence 5, Appli
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Sequence 6461, Ap
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                                         44, Appl
40, Appl
50, Appl
6015, Appl
45410, A
11, Appl
32787, A
48004, A
2, Appli
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ALIGNMENTS	US-09-381-546-40	US-09-381-546-39	US-09-381-546-38	US-09-381-546-37	US-09-381-546-36	US-09-381-546-35	US-09-381-546-34	US-09-381-546-33	US-09-381-546-32	US-09-381-546-31	US-09-381-546-30	US-09-381-546-29	US-09-381-546-28	US-09-381-546-27	US-09-381-546-26	US-09-381-546-25	US-09-381-546-4	US-09-830-189C-2
	Sequence 40, Appl	•	•	-	Sequence 36, Appl	Sequence 35, Appl	•	Sequence 33, Appl	-	•	Sequence 30, Appl	-	-	27,		Sequence 25, Appl	Sequence 4, Appli	Sequence 2, Appli

#### Query Match Best Local Similarity Thes 19; Conserve ; MOLECULE TYPE: ; HYPOTHETICAL: US-07-899-535A-1 RESULT 1 US-07-899-535A-1 Sequence 1, Application US/07899535A Patent No. 5428011 CITY: Arlington STATE: Virginia COUNTRY: U.S.A. ZIP: 22202 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PATENTIN PC-DOS/MS-DOS SOFTWARE: PATENTIN PC-DOS/MS-DOS CURRENT APPLICATION DATA: APPLICATION NUMBER: US/07/899,535A FILING DATE: 16-JUN-1992 CLASSIFICATION: 514 ATTORNEY/AGENT INFORMATION: NAME: LOUD, George A. REFERENCE/DOCKET NUMBER: 55,814 REFERENCE/DOCKET NUMBER: 55,814 GENERAL INFORMATION: APPLICANT: Sheth, Anil R. APPLICANT: Garde, Seema APPLICANT: Garde, Seema APPLICANT: Panchal, Chandra J. TITLE OF INVENTION: Pharmaceutical Preparations For TITLE OF INVENTION: Inhibiting Tumours Associated With Prostate TITLE OF INVENTION: Adenocarcinoma, Stomach Cancer and Breast Cancer. INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 94 amino acids TYPE: amino acid TELECOMMUNICATION INFORMATION: TELEPHONE: 703-415-0960 TELEFAX: 703-415-0962 NUMBER OF SEQUENCES: 4 CORRESPONDENCE ADDRESS: STRANDEDNESS: single TELEFAX: TOPOLOGY: TELEX: REFERENCE/DOCKET NUMBER: STREET: ADDRESSEE: emino acids 24 8614 2001 Jefferson linear . protein Mr. George Loud .. Davis Highway, Suite 306 S&B-A835 Version #

Conservative

56.7**%**; 54.3**%**;

Score 110; DB 1; 1 Pred. No. 1.7e-05; 2; Mismatches 2;

Length 94; Indels

12;

Gaps

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RESULT 2
US-09-513-999C-7807
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                                                                                                                               ; ORGANISM: Human US-09-949-016-11112
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                                                    Query Match 32.0
Best Local Similarity 39.3
Matches 11; Conservative
                                                                                                                                                                                                    SEQ ID NO 11112
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TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
Patent No. 6783961
FILE REFERENCE: 59.US2.REG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-3
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Dumas Milne Edwards, J.B. APPLICANT: Duclert, A.
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                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version
                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS
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                                                                                                                                                                                                                                                                                                                                                                                              FILE REFERENCE: CL001307
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LOCATION: -20..-1
OTHER INFORMATION: score 9
OTHER INFORMATION: seq VVIFATFVTLCNA/SC
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ORGANISM: Homo sapiens
                                                                                                                                                                    TYPE: PRT
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                                                                                                                                                                                  ENGTH: 1045
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2 WQTDNCETCTC--YETEWQTDNCETCTC | |:| ||| ::| | ||
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                                                                          32.0%;
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                                                        Score 62; DB pred. No. 31; 3; Mismatches
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Pred. No. 2e-05;
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CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 0000-09-08
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                                                                                                                                                                                                                                                                                                                                                         Sequence 6333, Ap
Patent No. 681233
                                                                                                                                                                                                                             APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHIENS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 4002
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/313,288B
FILING DATE: January 5, 1995
CLASSIFICATION: 435
CLASSIFICATION: 435
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LENGTH: 1172 amino acids
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TITLE OF INVENTION: NO
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear MOLECULE TYPE: peptide
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CITY: New York
STATE: New Yor
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STREET: 1185 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 333 WVVDSCTTCTCKKFKTICHQITCPPATC 360
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SEQ ID NOS: 207012
FastSEQ for Windows Version 4.0
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CLONING, EXPRESSION AND USES OF A
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Pred. No. 34;
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RESULT 7
US-09-436-063C-5
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LENGTH: 1172
                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/436,063C CURRENT FILING DATE: 1999-11-08 PRIOR APPLICATION NUMBER: 60/107727 PRIOR FILING DATE: 1998-11-09 NUMBER OF SEQ ID NOS: 18 SOFTWARE: Patentin Ver. 2.1 SEQ ID NO 5
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Best Local Similarity 39.3%;
Matches 11; Conservative
Query Match 30.2
Best Local Similarity 54.2
Matches 13; Conservative
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                                                                                                                                                                                                                                                                             APPLICANT: Bamber, Bruce
APPLICANT: Jorgensen, Erik
TITLE OF INVENTION: Nemthode Neuromuscular Junction GABA Receptors
TITLE OF INVENTION: Methods Related Thereto
FILE REFERENCE: P-1095corrected
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Jorgensen, Erik
TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and
TITLE OF INVENTION: Methods Related Thereto
FILE REFERENCE: 21101.009U3
CURRENT APPLICATION NUMBER: US/09/627,650B
CURRENT FILING DATE: 2000-07-28
CURRENT FILING DATE: 2000-07-28
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SOFTWARE: PatentIn Ver. :
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PRIOR FILING DATE: 1999-11-08
PRIOR APPLICATION NUMBER: 60/107,727
PRIOR FILING DATE: 1998-11-09
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 1917
TYPE: PRT
ORGANISM: Caenorhabditis elegans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Human
                                                                                         LENGTH: 1917
TYPE: PRT
ORGANISM: Caenorhabditis elegans
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Local Similarity 54.2%;
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                 30.2%;
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; Pred. No. 34;
3; Mismatches
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Pred. No. 1.3e+02;
Score 58.5; DB 4; Length 1917; Pred. No. 1.3e+02; O; Mismatches 10; Indels 1
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APPLICANT: Watson, James D
APPLICANT: Murison, James G
ITILE OF INVENTION: Polynucleotides, polypeptides expres
ITILE OF INVENTION: by the polynucleotides and methods f
FILE REFERENCE: 11000.1050U1
CURRENT APPLICATION NUMBER: US/09/724,864
CURRENT FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: U.S. No. 6380362 60/171,678
PRIOR FILING DATE: 1999-12-23
NUMBER OF SEQ ID NOS: 72
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 44
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US-08-036-555B-40
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: GARY BRETON
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABIL
TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 2709.1002-001
CURRENT APPLICATION NUMBER: US/09/543,681A
CURRENT FILING DATE: 2000-04-05
PRIOR APPLICATION NUMBER: US/09/543,681A
CURRENT FILING DATE: 1909-04-09
PRIOR FILING DATE: 1999-04-09
NUMBER OF SEQ ID NOS: 8344
SEQ ID NO 6461
LENGTH: 290
TYPE: PRT
Sequence 40, Application US/08036555B
Patent No. 5530109
GENERAL INFORMATION:
APPLICANT: Moodearl, Andrew; Stron
APPLICANT: Minghetti, Luisa; Wate:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 44, Application US/09724864
Patent No. 6380362
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Best Local :
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                                                                                                                                                                                                                                                               Best Local Similarity 50.0 Matches 11; Conservative
                                                                                                                                                                                                                                                                                                      Query Match
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                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Mouse
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nes 13; Conserv
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  Goodearl, Andrew; Stroobant, Paul; Minghetti, Luisa; Waterfield, Mich
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Pred. No. 25;
3; Mismatches
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      Michael; Marchioni, Mark;
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New York City

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RESULT 11
US-08-469-569-40
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                                                                                                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                        GENERAL INFORMATION:
APPLICANT: Goodearl, Andrew; Stroobant, Paul;
APPLICANT: Minghetti, Luisa; Waterfield, Michael; Marchioni, Mark;
APPLICANT: Chen, Maio Su; Hiles, Ian
TITLE OF INVENTION: Glial Mitogenic Factors, Their
TITLE OF INVENTION: Preparation and Use
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (212) 838-388 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Felfe & Lynch
STREET: 805 Third Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 34,266
REFERENCE/DOCKET NUMBER: LUD 5250.4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 30-JUN-
PRIOR APPLICATION DATA:
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FILING DATE: 23-OCT-1992
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 10022
COMPUTER READABLE FORM:
                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: U.K.
APPLICATION NUMBER: 10-APRIL-199
FILING DATE: 10-APRIL-199
ATTORNEY/AGENT INFORMATION:
NAME: TSA1, Christine H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 07/863,703
FILING DATE: 03-APRIL-1992
PRIOR APPLICATION DATA:
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APPLICATION NUMBER: 07/907,138
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APPLICATION NUMBER: US/08/036,555B
FILING DATE: 24-MAR-1993
CLASSIFICATION: 435
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TITLE OF INVENTION: Glial Mitogenic Factors, Their
TITLE OF INVENTION: Preparation and Use
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM
OPERATING SYSTEM: PC-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
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New York City
: New York
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(217) NO: 40:
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                                                                                                                                                                                                                                                                                                                                                                                            29.6%;
                                                        184
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Pred. No. 4
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                                                                                                                                                                                                                                  Sequence 40, Application US/08249322A Patent No. 5716930
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                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
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                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 184
CORRESPONDENCE ADDRESS:
ADDRESSEE: Felfe & Lynch
                                                                                                                                    APPLICANT: Goodearl, Andrew; Stroobant, Paul;
APPLICANT: Minghetti, Luisa; Waterfield, Michael; Marchioni, Mark;
APPLICANT: Chen, Maio Su; Hiles, Ian
TITLE OF INVENTION: Glial Mitogenic Factors, Their
TITLE OF INVENTION: Preparation and Use
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: TBai, Christine H.
REGISTRATION NUMBER: 34,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.K. 91 07566.3
FILING DATE: 10-APRIL-1991
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APPLICATION NUMBER: 07/90
FILING DATE: 30-JUN-1992
PRIOR APPLICATION DATA:
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OPERATING SYSTEM: PC-DC
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
COMPUTER READABLE FORM:
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                                                          STREET: 805 Third Avenue CITY: New York City
                           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 11D 5250.4
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                                             York
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03-APRIL-1992
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UMBER: 07/965,173
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Pred. No. 4
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RESULT 13
US-08-469-526A-40
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LENGTH: 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 29.6
Best Local Similarity 47.6
Matches 10; Conservative
                                                                                                                                                                                                                                                                                                                                              Sequence 40, Application US/08469526A Patent No. 5792849
                                                                                                                                                                                                                                                                                                                               Patent No. 5792849 GENERAL INFORMATION:
                                                                                                                                                                                                                                       APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 14,266
REFERENCE/DOCKET NUMBER: LUD 250.4
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 10-APRIL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Tsai, Christine H.
REGISTRATION NUMBER: 34,266
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 03-APRIL-1992
PRIOR APPLICATION DATA:
APPLICATION UNMBER: U.K. 91
FILING DATE: 10-APRIL-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 30-JUN-1992 PRIOR APPLICATION DATA:
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FILING DATE: 23-OCT-1992
PRIOR APPLICATION NDATA:
APPLICATION NUMBER: 07/940,389
FILING DATE: 03-SEP-1992
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APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/
FILING DATE: 26-MAY-199
CLASSIFICATION: 435
                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elbing LLP
                                                                                                                                             TITLE OF INVENTION: GLIAL MITOGENIC FACTORS, THEIR TITLE OF INVENTION: PREPARATION AND USE NUMBER OF SEQUENCES: 187
                                                                                                                                                                                                   APPLICANT: Chen, Maio
APPLICANT: Hiles, Ian
                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 24-MAR-1993 PRIOR APPLICATION DATA:
 COMPUTER READABLE FORM:
                    COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: 1i
                                                                       CITY: Boston
                                                                                  ADDRESSEB: Clark & אוט אוט אויט א
STREET: 176 Federal Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OPERATING SYSTEM: PC-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE:
COMPUTER: II
                                                                                                                                                                                                                                                                                                                                                                                                                                                          25 CTTCTC-----CTTCTC 36
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Minghetti, Luisa
Waterfield, Michael
Marchionni, Mark
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47.6%; Pred. No. 4.1;
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US-08-734-591A-40
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No.
                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Goodea:
APPLICANT: Stroob:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 617-428-7045 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                         APPLICANT:
APPLICANT:
APPLICANT:
                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Di
                                                                                                                                                                                        NUMBER OF SEQUENCES: 187
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elbing LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/469,526A
FILING DATE: 06 June 1995
CLASSIFICATION: 435
COMPUTER: IBM Compatible Pentium OPERATING SYSTEM: Windows95 SOFTWARE: Worderfect (Version 7 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                    APPLICANT: Chen, Mario TITLE OF INVENTION: GLITITLE OF INVENTION: PRE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION: TELEPHONE: 617-428-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 10-APR-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: 24-MAR-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Bieker-Brady, Kristina
REGISTRATION NUMBER: 39,109
REFERENCE/DOCKET NUMBER: 045
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 03-JUN-1992
APPLICATION NUMBER: 07/863,703
FILING DATE: 03-APRII-1992
APPLICATION NUMBER: U.K. 91 07566.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 07/965,173
FILING DATE: 23-OCT-1992
APPLICATION NUMBER: 07/940,389
FILING DATE: 03-SEP-1992
APPLICATION NUMBER: 07/907,138
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
                                                                                                                                             CITY: Boston
STATE: Massac
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
TOPOLOGY: li
                                                                                                           COUNTRY: U
                                                                                                                                                                              STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        40, Application US/08734591A
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                                                                                                                                             Massachusetts
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Waterfield, Michael
Hiles, Ian
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                                                                   3.5" Diskette, 1.44 Mb
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47.6%; Pred. No. 4.
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                  (Version 7.0)
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Gaps

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CLASSIFICATION:

APPLICATION NUMBER: US/08/734,591A FILING DATE: 22-OCT-1996

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RESULT 15
US-08-469-660-40
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                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 40, Application US/08469660 Patent No. 5876973
GENERAL INFORMATION:
COMPUTER: LD.,
OPERATING SYSTEM: PC-LL
OPERATING SYSTEM: PC-LL
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,660
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: 07/907
FILING DATE: 30-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/863
FILING DATE: 03-APR-1992
PRIOR APPLICATION UNMER: UK 91
FILING DATE: 10-APR-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                              ZIP: 0211-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                               APPLICANT: Gwynne, David I.; Marchionni, Mark;
APPLICANT: McBurney, Robett N.
TITLE OF INVENTION: INHIBITORS OF CELL PROLIFERATION,
TITLE OF INVENTION: THEIR PREPARATION AND USE
NUMBER OF SEQUENCES: 184
                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Bieker-Brady, Kristina
REGISTRATION NUMBER: 39,109
REFERENCE/DOCKET NUMBER: 04585/00200P
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 428-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/965,173
FILING DATE: 23-OCT-1992
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APPLICATION NUMBER: 08/470,335
PILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/036,555
FILING DATE: 03-MAR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 03-SEP-
PRIOR APPLICATION DATA:
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STATE: Mass.
9TD: 0211-2804
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 39
TYPE: amino acid
STRANDEDNESS:
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                                                                                                                                                                                                                         Massachusetts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (617) 428-7045
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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                                                                                                                                                                  Diskette, 5.25 inch, 360 kb storage
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Search completed: July 27, 2005, 19:28:43 Job time: 16.3818 secs
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TOPOLOGY:
US-08-469-660-40
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Matches
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FILING DATE: 25-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 07/927,337
FILING DATE: 10-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: C1-T-----
                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                          NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 04585/017004
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: 07/951,747
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/984,085
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: 29-JAN-
                                                                                                                                                                                                                                                                                                                             TELEPHONE:
TELEFAX: 2
                                                                                                                                    Local Similarity nes 10; Conserv
                                                                                                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 01-DEC-1992
                                                                                                                                                                                                                                                                           LENGTH:
                                                                    25 CTTCTC-----CTTCTC 36
                                                                                                                                                                                                                                                           amino acid
                                                                                                  CETCTCYETEWQTDNCETCTC 27
                                                                                                                                    29.6%; Score 57.5; ilarity 47.6%; Pred. No. 4. Conservative 0; Mismatche
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                                                                                                                                        Mismatches
                                                                                                                                                                     DB 2; Length 39;
                                                                                                                                        Indels
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                                                                                                                                      Gaps
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GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd.

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Minimum
Maximum
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             seq length: 0 seq length: 2000000000
                                                                                                            1741741 segs, 388992284 residues
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(without alignments)
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                                                                                                                                                                                                                                                                                                                                                       Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           EWQTDNCETCTCYETEWQTDNCETCTCYET 30
/ Cgn2_6/ptodata/1/pubpaa/US09E_PUBCOMB.pep: *
/ Cgn2_6/ptodata/1/pubpaa/US09E_PUBCOMB.pep: *
/ Cgn2_6/ptodata/1/pubpaa/US09E_PUBCOMB.pep: *
/ Cgn2_6/ptodata/1/pubpaa/US09E_PUBCOMB.pep: *
/ Cgn2_6/ptodata/1/pubpaa/US10E_PUBCOMB.pep: *
                                                                                                                                                                                                                                                                           /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
/cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
/cgn2_6/ptodata/1/pubpaa/US09A_PUBCOMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

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194	194	194	194	194	194	194	194	194	194	194	Score
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	Query Match
60	60	60	45	45	45	45	30	30	30	30	Query Match Length DB
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US-11-004-270-91	US-10-948-229-91	US-09-977-406A-92	US-11-004-273-90	US-11-004-270-90	US-10-948-229-90	US-09-977-406A-91	US-11-004-273-89	US-11-004-270-89	US-10-948-229-89	US-09-977-406A-90	ID
91,	Sequence 91, Appl	•	-	-	-	Sequence 91, Appl	89,	Sequence 89, Appl	•	Sequence 90, Appl	Description

RESULT 2

## ALIGNMENTS

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SOFTWARE: PatentIn version 3.1
SEQ ID NO 90
LENGTH: 30
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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                                      ঠ
                                                                                                                                                                             ; OTHER INFORMATION: Polypeptide derived from PCK3145 sequence (polypeptide analog) US-09-977-406A-90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-977-406A-90
Sequence 90, Application US/09977406A
Publication No. US20030170220A1
GENERAL INFORMATION:
                                                                                        Matches
                                                                                                           Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                           APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
FILE REFERENCE: 06508-030-US-03
CURRENT APPLICATION NUMBER: US/09/977,406A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION UMMBER: CA 2,321,256
PRIOR PILING DATE: 2000-10-16
PRIOR FILING DATE: 2000-10-16
PRIOR FILING DATE: 2001-08-20
                                                                                        30;
                       EWQTDNCETCTCYETEWQTDNCETCTCYET 30
EWQTDNCETCTCYETEWQTDNCETCTCYET
                                                                                        Conservative
                                                                                                           100.0%;
                                                                                   0;
                                                                                   Score 194; DB 10;
Pred. No. 1.5e-14;
); Mismatches 0;
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CURRENT APPLICATION NUMBER: US/10/948,229
CURRENT FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 91
SOFTWARE: Patentin version 3.3
SEQ ID NO 89
LENGTH: 30
TYPE: PRT
ORGANISM: Artificial Sequence
                                                         Query Match
Best Local Similarity
Matches 30; Conserv
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Best Local
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                                                                                                                                 OTHER INFORMATION: PCK3145 derivative -11-004-270-89
                                                                                                                                                                                                                                                                                                                          APPLICANT: Hawkins, Robert
TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
FILE REFERENCE: BKF-020
CURRENT APPLICATION NUMBER: US/11/004,270
CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR FILING DATE: 2004-09-24
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APPLICANT: Wu, Jinzi
APPLICANT: Beliveau, Richard
APPLICANT: Ruiz, Marcia
APPLICANT: Garde, Seema
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APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
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PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
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OTHER INFORMATION: PSP94 family member
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Lamy, Sylvie
Bouzeghrane, Mounia
EWQTDNCETCTCYETEWQTDNCETCTCYET 30
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                                                       100.0%; Score 194; DB 20; 100.0%; Pred. No. 1.5e-14; tive 0; Mismatches 0;
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Pred. No. 1.5e-14;
; Mismatches 0;
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US-11-004-273-89
; Sequence 89, Application US/11004273
; Publication No. US20050148514A1
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; OTHER INFORMATION: PCK3145 derivative
US-11-004-273-89
                                                                                  US-09-977-406A-91
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 91
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Publication No. US20030170220A1
GENERAL INFORMATION:
APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND
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Best Local Similarity
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                         Best Local Similarity
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APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
TITLE OF INVENTION: METHOD AND COMPOSITION
FILE REFERENCE: BKP-021
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CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR PILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
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                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/977,406A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: CA 2,321,256
PRIOR FILING DATE: 2000-10-16
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                                                                                                                                                                 LENGTH: 45
TYPE: PRT
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TYPE: PRT
ORGANISM: Artificial
                                                                                                                        ORGANISM: Artificial Sequence FEATURE:
                                                                                                   OTHER INFORMATION: Polypeptide derived from PCK3145 sequence (polypeptide analog)
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  Conservative
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100.0%; Score 194; DB 10
100.0%; Pred. No. 2.2e-14
:ive 0; Mismatches 0
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                                          DB 10;
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CURRENT FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 91
SOFTWARE: PatentIn version 3.3
SEQ ID NO 90
LENGTH: 45
TYPE: PRT
ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCK3145 derivative
US-11-004-270-90
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; OTHER INFORMATION: PSP94 family member US-10-948-229-90
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US-10-948-229-90
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                                                                                               PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
SOFTWARE: PatentIn version 3.3
SEQ ID NO 90
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Publication No.
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CURRENT APPLICATION NUMBER: US/10/948,229
CURRENT FILING DATE: 2004-09-24
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TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/11/004,270
CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
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APPLICANT: Daigneault, Luc
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TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
FILE REFERENCE: BKP-020
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                                            LENGTH: 45
TYPE: PRT
ORGANISM: Artificial
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Bouzeghrane, Mounia
Daigneault, Luc
Hawkins, Robert
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Beliveau, Richard
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o. US20050096273A1
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Pred. No. 2.2e-14;
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Matches
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                                                                                                                          CURRENT APPLICATION NUMBER: US/09/977,406A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: CA 2,321,256
PRIOR FILING DATE: 2000-10-16
PRIOR PILING DATE: 2000-10-16
PRIOR APPLICATION NUMBER: CA 2,355,334
PRIOR FILING DATE: 2001-08-20
NUMBER OF SEQ ID NOS: 92
                                                                                                                                                                                                                                                        APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
FILE REFERENCE: 06508-030-US-03
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CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: PCK3145 derivative
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                                ORGANISM: Artificial Sequence
                                                        TYPE: PRT
OTHER INFORMATION: Polypeptide derived from PCK3145 sequence (polypeptide analog)
                     FEATURE:
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Lamy, Sylvie
Bouzeghrane, Mounia
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Beliveau, Richard
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Pred. No. 2.2e-14;
Mismatches 0;
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SOFTWARE: PatentIn version 3.3
SEQ ID NO 91
LENGTH: 60
NUMBER OF SEQ ID NOS: 99
SOFTWARE: PatentIn version 3.3
SEQ ID NO 91
LENGTH: 60
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Publication No.
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APPLICANT:
                                                                 APPLICANT: Hawkins, Robert
TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
FILE REFERENCE: BKF-020
CURRENT APPLICATION NUMBER: US/11/004,270
CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
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APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
APPLICANT: Ruiz, Marcia
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Local Similarity 100.0%;
les 30; Conservative 0
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30; Conservative
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Lamy, Sylvie
Bouzeghrane, Mounia
Daigneault, Luc
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Pred. No. 2.8e-14;
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Pred. No. 2.8e-14;
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; OTHER INFORMATION: PCK3145 derivative US-11-004-270-91
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APPLICANT: Panchal,
APPLICANT: Wu, Jin;
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APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
FILE REFERENCE: 06508-030-US-03
CURRENT APPLICATION NUMBER: US/99/977,406A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: CA 2,321,256
RIOR APPLICATION NUMBER: CA 2,321,256
RIOR FILING DATE: 2000-10-16
PRIOR PPLICATION NUMBER: CA 2,355,334
PRIOR PPLICATION NUMBER: CA 2,355,334
PRIOR PPLICATION NUMBER: CA 2,355,334
PRIOR PILING DATE: 2001-08-20
NUMBER OF SEQ ID NOS: 92
NUMBER OF SEQ ID NOS: 93
NUMBER OF SEQ ID NOS: 93
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SOFTWARE: PatentIn version 3.3
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CURRENT APPLICATION NUMBER: US/11/004,273
CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR PILING DATE: 2003-09-26
NUMBER OF SEC IN MICE. 20
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APPLICANT: Daigneault, Luc
APPLICANT: Hawkine, Robert
TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
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ORGANISM: Artificial
FEATURE:
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100.0%; Pred. No. 2.8e-14;
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APPLICANT: Ruiz, Marcia
APPLICANT: Garde, Seema
TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY F
FILE REFERENCE: BKF-022
CURRENT APPLICATION NUMBER: US/10/948,229
CURRENT FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
APRIOR PILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 91
SOFTWARE: PATENTIN VERSION 3.3
SEQ ID NO 28
LENGTH: 35
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PSP94 family member
US-10-948-229-28
                                                                                                                                                                                Sequence 28, Application US/11004270
Publication No. US20050147601A1
GENERAL INFORMATION:
APPLICANT: Panchal, Chandra J.
APPLICANT: Wu, Jinzi
APPLICANT: Beliveau, Richard
APPLICANT: Ruiz, Marcia
APPLICANT: Ruiz, Marcia
APPLICANT: Annabi, Borhane
APPLICANT: Lamy, Sylvie
APPLICANT: Lamy, Sylvie
                                                                                                                                                                                                                                                                                                                                                                                          RESULT 15
US-11-004-270-28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Polypeptide derived from rHuPSP94 sequence (polypeptide analog)
US-09-977-406A-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 29
LENGTH: 35
TYPB: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 28, Applica Publication No. US20 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 56.7%; Score 110; DB 17; Length 35; Best Local Similarity 54.3%; Pred. No. 2.7e-05; Matches 19; Conservative 2; Mismatches 2; Indels
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Panchal, Chandra J
APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
APPLICANT: Bouzeghrane, Mounia
APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
FILE REFERENCE: BKP-020
CURRENT APPLICATION NUMBER: US/11/004,270
CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US/0948,229
PRIOR FILING DATE: 2004-09-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
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Pred. No. 2.7e-05;
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PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
SOFTWARE: Patentin version 3.3
SEQ ID NO 28
LENGTH: 35
TYPE: PRT
ORGANISM: Artificial
FEATURE:
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                                                                                                               ; OTHER INFORMATION: PCK3145 derivative US-11-004-270-28
                                              Query Match
Best Local Similarity
Matches 19; Conserv
                  EWOTDNICETCTICYETEISCCTLVSTPVGYDKDNICQ 35
                                                       Conservative
                                                                       56.7%;
54.3%;
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                                                                     Score 110; DB 20;
Pred. No. 2.7e-05;
                                                         Mismatches
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Search completed: July 27, 2005, 20:06:05 Job time: 56.6182 secs

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Listing first 45 summaries
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Perfect score:
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Gapop 10.0 , Gapext 0.5
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291
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 Issued_Patents_AA:*
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/cgn2_6/ptodata/1/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*
/cgn2_6/ptodata/1/iaa/backfiles1.pep:*
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 GenCore version 5.1.6 (c) 1993 - 2005 Compugen Ltd
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             SUMMARIES
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                          Sequence 1, Appli
Sequence 6910, Ap
Sequence 6910, Ap
Sequence 5, Appli
Sequence 5, Appli
Sequence 5, Appli
Sequence 1112, A
Sequence 133, Ap
Sequence 32787, A
Sequence 40, Appli
Sequence 54, Appli
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US-09-627-650B-3	US-09-436-063C-7	US-09-627-650B-7	US-08-125-077-19	US-08-460-309-19	US-09-543-681A-6461	US-09-228-152-24	US-08-469-219-24	US-08-779-379-24	US-08-467-389-24	US-08-468-347-24	US-09-228-152-18	US-08-469-219-19	US-08-779-379-19	US-08-467-389-19	US-08-468-347-19	US-09-561-709B-3	US-09-845-583A-10
Sequence 3, Appli	Sequence 7, Appli	Sequence 7, Appli	Sequence 19, Appl	Sequence 19, Appl	Sequence 6461, Ap	Sequence 24, Appl	Sequence 24, Appl	•	•	•	Sequence 18, Appl	•	•	Sequence 19, Appl	Sequence 19, Appl	Sequence 3, Appli	Sequence 10, Appl

RESULT 1

ALIGNMENTS

### Patent No. 5428011 GENERAL INFORMATION: APPLICANT: Sheth, Anil R. APPLICANT: Garde, Seema APPLICANT: Garde, Seema APPLICANT: Panchal, Chandra J. TITLE OF INVENTION: Pharmaceutic TITLE OF INVENTION: Inhibiting T TITLE OF INVENTION: Adenocarcino NUMBER OF SEQUENCES: US-07-899-535A-1 US-07-899-535A-1 CURRENT APPLICATION : 10 JUN-1992 APPLICATION UNMER: 10-JUN-1992 CLASSIFICATION: 514 ATTORNEY/AGENT : 1-JUN-1992 TELEFAX: 703-415-0962 TELEX: 24 8614 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 94 amino acids TYPE: amino acid STRANDEDNESS: single ATTORNEY/AGENT INFORMATION: NAME: Loud, George A. REGISTRATION NUMBER: 25,6 REFERENCE/DOCKET NUMBER: MOLECULE TYPE: HYPOTHETICAL: TELECOMMUNICATION INFORMATION: TELEPHONE: 703-415-0960 TELEPAX: 703-415-0962 CORRESPONDENCE ADDRESS: STREET: 2001 Jef CITY: Arlington STATE: Virginia COUNTRY: U.S.A. ZIP: 22202 TOPOLOGY: ADDRESSEE: Mr. Application US/07899535A E: Mr. George Loud 2001 Jefferson Davis Highway, Suite linear : protein NO single Pharmaceutical Preparations For Inhibiting Tumours Associated With Prostat Adenocarcinoma, Stomach Cancer and Breast 25,814 S&B-A835 #1.25 Prostate

Query Match Best Local Similarity Matches 25; Conserv

Conservative

40.9%;

Score 119; DB 1; Pred. No. 1.2e-05; 2; Mismatches 5

Length 94; Indels

30;

Gaps

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RESULT 3
US-09-949-016-6910
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NAME/KEY: SIGNAL

LOCATION: -20..-1

COTHER INFORMATION: score 9

OTHER INFORMATION: seq VVIFATFVTLCNA/SC
US-09-513-999C-7807
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US-09-513-999C-7807
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SOFTWARE: Patent.pm
SEQ ID NO 7807
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                                                          SEQ ID NO 6910
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL
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                                                                      PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                      APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS
FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: US 60/122,487 PRIOR FILING DATE: 1999-02-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Duclert, A. APPLICANT: Giordano, J.Y.
                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/513,999C CURRENT FILING DATE: 2000-02-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILE REFERENCE: 59.US2.REG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Dumas Milne Edwards, J.B
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TYPE: PRT
ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Homo sapiens
                                  ENGTH: 1036
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Similarity 40.3%;
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Pred. No. 1.4e-05;
2; Mismatches 5;
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OF DETECTION AND USES THEREOF
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FILE REFERENCE: 21101.0009U3
CURRENT APPLICATION NUMBER: US/09/627,650B
CURRENT FILING DATE: 2000-07-28
PRIOR APPLICATION NUMBER: 09/436,063
PRIOR FILING DATE: 1999-11-08
PRIOR APPLICATION NUMBER: 60/107,727
PRIOR FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 50
SOFTWARE: PACENTIN Ver. 2.1
SEQ ID NO 5
LENGTH: 1917
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
VUMBER OF SEQ ID NOS: 207012
SOFTWARE: FRStSEQ for Windows Version 4.0
SEQ ID NO 11522
LENGTH: 1049
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         밁
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US-09-949-016-11522
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                                                                                                                                                                                                                                                                                                    Sequence 5, Application US/09627650B Patent No. 6406872 GENERAL INFORMATION:
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APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 11522, Appl Patent No. 6812339 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
                                                                                                                                                                                                              APPLICANT: Bamber, Bruce
APPLICANT: Jorgensen, Erik
TITLE OF INVENTION: Mematode Neuromuscular Junction GABA Receptors and
TITLE OF INVENTION: Methods Related Thereto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 10
TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                              766 CKNDEGDIFLAAESWKPDVCTSCICIDS 793
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       WNIDSCTQCTCHSGRVLCETEVCPPLLCQNPSRTQDSCCPQCTDQPFRPSLSRNNSVPNY 765
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       WQTDNCETCTCY-----ETE------WQTDNCETCT----
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CYETE------WQTDNCETCTCYET 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
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22.7%;
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22.7%;
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US-09-627-650B-5

TYPE: PRT ORGANISM: Caenorhabditis elegans

Matches Query Match

/ Match 24.4%; Local Similarity 44.1%; les 15; Conservative

0; Mismatches

Indels

9

Gaps

2

Score 71; DB 4; Length 1917; Pred. No. 15; 13;

8

2 WQTDNCETCTC--YETEWQTDNCETCTCYETEW-QTDNCETC

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APPLICANT: Jorgensen, Erik
TITLE OF INVENTION: Nematode Neuromuscular Junction GAB
TITLE OF INVENTION: Methods Related Thereto
FILE REFERENCE: P-1095corrected
CURRENT APPLICATION NUMBER: US/09/436,063C
CURRENT FILING DATE: 1999-11-08
PRIOR APPLICATION NUMBER: 60/107727
PRIOR APPLICATION NUMBER: 60/107727
PRIOR APPLICATION NUMBER: 60/107727
PRIOR FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin Ver. 2.1
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US-09-436-063C-5
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                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR PPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
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APPLICANT: VENTER, J.
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                                                                                                                                                               SEQ ID NO 11112
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                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Patent No.
                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
                                                                                  ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Bamber, APPLICANT: Jorgen
                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
                                                                                                                                                                                     SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT ORGANISM: Caenorhabditis elegans
                                                                                                                           TYPE: PRT
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Local Similarity 31.0
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5. 6812339
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44.1%;
                   22.9%;
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; Pred. No. 15;
0; Mismatches
Score 66.5; DB 4; Length 1045; Pred. No. 24; 7; Mismatches 19; Indels 3
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GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASS
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF
FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-3
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-3
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
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US-08-313-288B-19
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US-09-949-016-6333
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                                                                                                                                                                                                                                                                     Sequence 6333, Application US/09949016 Patent No. 6812339
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Best Local Similarity 31.0%;
Matches 13; Conservative
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 4002
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 278-0400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION UMMBER: US/08/313,288B
FILING DATE: January 5, 1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 1172 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Jessell,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Cooper & Dunham LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NOVEL
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; Pred. No. 27;
7; Mismatches
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                                                                                                                                                                                            ASSOCIATED
OF DETECTION AND USES THEREOF
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RESULT 12
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                                                                                                                                                                                                 ; ORGANISM: Drosophila melanogaster 
US-09-270-767-48004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-270-767-48004
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US-09-270-767-32787
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; ORGANISM: Drosophila melanogaster
US-09-270-767-32787
                                                                                                                         Best Loc
Matches
                                                                                                                                                                                                                               APPLICANT: Homburger et al.

TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEO ID NOS: 62517
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 48004
LENGTH: 179
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Homburger et al.
APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 32787
                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 48004, Appl. Patent No. 6703491
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 6333
                                                                                                                                                           Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
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TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Human
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                                                                                                                         Local Similarity
les 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             333 WVVDSCTTCTCKKFKTICHQITCPPATCASPSFVEGECCPSC 374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     13; Conservative
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                                                 EDCNVYQS-YRKOLCR-CECHNTDARDKCLEQAENKYWVDDNC-TCVC 128
                                                                                   ETCTCYETEWOTDNCETCTCYETE----
                                                                                                                         Conservative
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                                                                                                                                        22.7%;
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                                                                                                                                      Score 66; DB 4; Length 179; Pred. No. 5.3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 66; DB 4; Length 179; Pred. No. 5.3;
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Pred. No. 27;
                                                                                                                       Mismatches
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                                                                                     WQTDNCETCTC 42
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US-07-906-349A-6

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US-08-036-555B-40
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No. 5530109

GENERAL INFORMATION:

APPLICANT: Goodearl, Andrew; Stroobant, Paul;

APPLICANT: Minghetti, Luisa; Waterfield, Michael; Marchioni,

APPLICANT: Chen, Maio Su; Hiles, Ian

TITLE OF INVENTION: Glial Mitogenic Factors, Their

TITLE OF INVENTION: Preparation and Use
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 6, Application US/07906349A Patent No. 5434064
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 40,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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APPLICANT: Margolis, E
TITLE OF INVENTION: A
TITLE OF INVENTION: II
                                                                                                            COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 07/643, FILING DATE: 18-JAN-1991
TELECOMMUNICATION INFORMATION: TELEPHONE: 202-628-5197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 435
PRIOR APPLICATION DATA:
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CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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ADDRESSEE: Browdy and Neimark
STREET: 419 Seventh Street, N
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COMPUTER: IBM
OPERATING SYSTEM: PC-
SOFTWARE: Wordperfect
                                                                                                                                                                                                                                                          CITY: New York City
STATE: New York
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                                                                                                                                                                                   ZIP: 10022
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                                                                                                                                                                                                                                                                                                                          B: Felfe & Lynch
805 Third Avenue
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                                                                                                                                                                                                                         USA
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                                                                                                            Diskette, 5.25
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A NOVEL EXPRESSION-CLONING METHOD FOR
IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE KINASES
TARGET PROTEINS
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                                     PC-DOS
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Pred. No.
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                                                                                                            kb storage
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CURRENT APPLICATION DATA:

CLASSIFICATION: APPLICATION NUMBER: FILING DATE: 24-MA

24-MAR-1993

US/08/036,555B

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RESULT 14
US-08-469-569-40
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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APPLICATION NUMBER: U.K. 91 0
FILING DATE: 10-APRIL-1991
ATTORNEY_AGENT INFORMATION:
NAME: TBAI, Christine H.
REGISTRATION NUMBER: 34,266
              CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/036,555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 03-SEP-
PRIOR APPLICATION DATA:
                                                                       SOPTWARE: WOrdperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,569
FILING DATE: 06-JUN-1995
                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Goodearl, Andrew; Stroobant, Paul;
APPLICANT: Minghetti, Luisa; Waterfield, Michael; Marchioni, Mark;
APPLICANT: Chen, Maio Su; Hiles, Ian
TITLE OF INVENTION: Glial Mitogenic Factors, Their
TITLE OF INVENTION: Preparation and Use
NUMBER OF SEQUENCES: 184
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: LU
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 07/91
FILING DATE: 30-JUN-1992
PRIOR APPLICATION DATA:
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APPLICATION NUMBER: 07/965,173
FILING DATE: 23-OCT-1992
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                                                                                                                                                      COMPUTER: IBM
OPERATING SYSTEM:
                                                                                                                                                                                                                                        COUNTRY: U
                                                                                                                                                                                                                                                                                              STREET: 805 Third Avenue CITY: New York City
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        40, Application US/08469569
). 5606032
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24-MAR-1993
                                                                                                                                                        PC-DOS
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US-08-249-322A-40
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Matches 13; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Patent No. 5716930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
                                                                                                                                              COMPUTER: IBM

OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/249,322A
FILING DATE: 26-MAY-1994
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 184
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pelfe & Lynch
STREET: 805 Third Avenue
CITY: New York City
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Goodearl, Andrew; Stroobant, Paul;
APPLICANT: Minchetti, Luisa; Waterfield, Michael; Marchioni, Mark;
APPLICANT: Chen, Maio Su; Hiles, Ian
TITLE OF INVENTION: Glial Mitogenic Factors, Their
TITLE OF INVENTION: Preparation and Use
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 07/965,173
FILING DATE: 23-OCT-1992
PRIOR APPLICATION DATA:
                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/036,555
APPLICATION NUMBER: 08/036,555
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/965,173
FILING DATE: 23-0CT-1992
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.K. 91 07566.3
FILING DATE: 10-APRIL-1991
                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Tsai, Christine H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 03-SEP-
FILING DATE: 03-SEP-
PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: 1212)
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                                                                                                                                                                                                                                                                                                                          ZIP: 10022
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REFERENCE/DOCKET NUMBER: LUI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
 APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                        COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                40, Application US/08249322A
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03-APRIL-1992
                                                                                                                                                                                                                                                                                     Diskette, 5.25 inch, 360 kb storage
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07/940,389
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Pred. No. 1.4;
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Mismatches 12;
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PILING DATE: 03-SEP-1992
PRIOR APPLICATION UMBER: 07/907,138
PILING DATE: 30-UN-1992
PRIOR APPLICATION NUMBER: 07/863,703
FILING DATE: 03-APRIL-992
PRIOR APPLICATION NUMBER: 07/863,703
FILING DATE: 03-APRIL-992
PRIOR APPLICATION NUMBER: U.K. 91 07566.3
FILING DATE: 10-APRIL-991
ATTORNEY/AGENT INFORMATION:
NAME: Teai, Christine H.
REGISTRATION NUMBER: 14,266
REFERENCE/DOCKET NUMBER: LUD 250.4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
TELEPAX: (212) 688-9200
TELEPAX: (212) 638-384
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 39
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
US-08-249-322A-40
      片
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                                                                        Query Match 22.5%; Score 65.5; DB 1; Length 39; Best Local Similarity 38.2%; Pred. No. 1.4; Matches 13; Conservative 0; Mismatches 12; Indels
9;
                                                                        Gaps
                                                                            1;
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Search completed: July 27, 2005, 19:28:43 Job time : 23.0727 secs

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Scoring table:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Title:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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                                                                                                                                                                                                                                                                                                                                                     Published Applications AA:*

1: /cgn2 6/ptodata/1/pubpaa/PU
2: /cgn2-6/ptodata/1/pubpaa/PU
3: /cgn2-6/ptodata/1/pubpaa/U
4: /cgn2-6/ptodata/1/pubpaa/U
5: /cgn2-6/ptodata/1/pubpaa/U
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length: 2000000000
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291
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                                                                                                                                           | Cgn2_6/ptodata/1/pubpaa/USO7_PUBCOMB.pep:*
| Cgn2_6/ptodata/1/pubpaa/USO7_NEW_PUB.pep:*
| Cgn2_6/ptodata/1/pubpaa/USO6_NEW_PUB.pep:*
| Cgn2_6/ptodata/1/pubpaa/USO6_PUBCOMB.pep:*
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| Cgn2_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
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ALIGNMENTS

10	1 4 A A 4 B 4 B 6 B 6	Result No.
194 194 194	291 291 291 291 291 291	Score
66.7	100.0	% Query Match
300	444400000 0000000000000000000000000000	Length
17	2002110	DB
US-10-948-229-89 US-11-004-270-89	US-09-977-406A-91 US-10-948-229-90 US-11-004-270-90 US-11-004-273-90 US-09-977-406A-92 US-10-948-229-91 US-11-004-273-91 US-11-004-273-91	SUMMARIES
	Sequence 91, Appl Sequence 90, Appl Sequence 90, Appl Sequence 92, Appl Sequence 92, Appl Sequence 91, Appl Sequence 91, Appl	Description

RESULT 2

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119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	119	126	126	194
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16	15	15	14	14	14	13	20	20	17	17	14	10	20	20	17	17	14	10	20	20	17	10	20	20	17	10	20	20	17	10	15	15	20
-10-408	-10-22	-10-291	US-10-294-025-1003	US-10-144-678A-1003	US-10-205-823-271	US-10-012-896-1003	US-11-004-273-2	1	1	-10-857-	US-10-291-360-2	-09	US-11-004-273-1	US-11-004-270-1	US-10-948-229-1	US-10-857-358-1	US-10-291-360-1	US-09-977-406A-1	US-11-004-273-57	US-11-004-270-57	-948-	-09-977-	-11-004-	US-11-004-270-56	US-10-948-229-56	US-09-977-406A-57	US-11-004-273-55	US-11-004-270-55	US-10-948-229-55	US-09-977-406A-56	US-10-221-278-612	۲	04-273-
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### 밁 Ś US-09-977-406A-91 ; Sequence 91, Application US/09977406A ; Publication No. US20030170220A1 ; GENERAL INFORMATION: ; FEATURE: ; OTHER INFORMATION: Polypeptide derived from PCK3145 sequence (polypeptide analog) US-09-977-406A-91 Query Match Best Local S Matches 45 SOFTWARE: PatentIn version 3.1 SEQ ID NO 91 LENGTH: 45 TYPE: PRT ORGANISM: Artificial Sequence APPLICANT: PROCYON BIOPHARMA INC. TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS FILE REFERENCE: 06508-030-US-03 CURRENT APPLICATION NUMBER: US/09/977,406A CURRENT FILING DATE: 2001-10-15 PRIOR APPLICATION NUMBER: CA 2,321,256 PRIOR PILING DATE: 2000-10-16 PRIOR FILING DATE: 2000-10-16 PRIOR FILING DATE: 2001-08-20 NUMBER OF SEQ ID NOS: 92 NUMBER OF SEQ ID NOS: 92 Local Similarity 45; $\vdash$ EWQTDNCETCTCYETEWQTDNCETCTCYETEWQTDNCETCTCYET 45 EWQTDNCETCTCYETEWQTDNCETCTCYETEWQTDNCETCTCYET 45 Conservative 100.0%; 0, Score 291; DB 10; Pred. No. 1.3e-22; ); Mismatches 0; Indels Length 0 Gaps 0;

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CURRENT APPLICATION NUMBER: US/11/004,270
CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR PILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
SOFTWARE: Patentin version 3.3
SEQ ID NO 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: BKP-022
CURRENT APPLICATION NUMBER: US/10/948,229
CURRENT FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 91
SOFTWARE: Patentin version 3.3
SEQ ID NO 90
LENGTH: 45
TYPE: PRT
TYPE: PRT
ORGANISM: Artificial Sequence
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                                                                                                                                US-11-004-270-90
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 90, Appropriate Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 90, Appropriate Publication No.
                                                         Matches
                                                                       Query Match
Best Local Similarity
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Best Local Similarity
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APPLICANT:
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APPLICANT: Datgneault, Luc
APPLICANT: Datgneault, Luc
TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
FILE REFERENCE: BKP-020
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Panchal, APPLICANT: Wu, Jin: APPLICANT: Belivea
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TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
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APPLICANT: Daigneault, Luc
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                                                                                                                           FEATURE:
OTHER INFORMATION: PCK3145 derivative
                                                                                                                                                                              LENGTH: 45
TYPE: PRT
ORGANISM: Artificial
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Bouzeghrane, Mounia
Daigneault, Luc
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                                                          Conservative
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                                                       100.0%; Score 291; DB 20; 100.0%; Pred. No. 1.3e-22; tive 0; Mismatches 0;
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Pred. No. 1.3e-22;
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CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
SOFTWARE: Patentin version 3.3
                                                                                                                                                                           NUMBER OF SEQ ID NOS: 92
SOFTWARE: PatentIn version 3.1
SEQ ID NO 92
                                                                                                                                                                                                                                                                                                                                                                                         Sequence 92, Application US/09977406A Publication No. US20030170220A1 GENERAL INFORMATION:
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Best Local Similarity
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 Matches
                    Best Local Similarity
                                    Query Match
                                                                                                                                                                                                                         APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND
FILE REFERENCE: 06508-030-US-03
CURRENT APPLICATION NUMBER: US/99/977,406A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: CA 2,321,256
PRIOR PILING DATE: 2000-10-16
PRIOR PILING DATE: 2001-08-20
PRIOR PILING DATE: 2001-08-20
PRIOR PILING DATE: 2001-08-20
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TITLE OF INVENTION: METHOD AND COMPOSITION
FILE REFERENCE: BKP-021
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                                                                                                                                          TYPE: PRT
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                                                                                                       ORGANISM: Artificial Sequence FEATURE:
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                                                                                    OTHER INFORMATION: Polypeptide derived from PCK3145 sequence (polypeptide analog)
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Daigneault, Luc
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Conservative
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                  100.0%; Score 291; DB 10 100.0%; Pred. No. 1.6e-22
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Pred. No. 1.3e-22;
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US-10-948-229-91
; OTHER INFORMATION: PCK3145 derivative US-11-004-270-91
                                                                                                       SOFTWARE: PatentIn version 3.3 SEQ ID NO 91
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PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 91
SOFTWARE: DATA---
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CURRENT APPLICATION NUMBER: US/10/948,229
CURRENT FILING DATE: 2004-09-24
                                                                                                                                                                                                                                FILE REFERENCE: BKP-020
CURRENT APPLICATION NUMBER: US/11/004,270
CURRENT FILING DATE: 2004-12-02
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                                                                                                                                                         PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
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APPLICANT: Wu, Jin:
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                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
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                                                                                                                                              NUMBER OF SEQ ID NOS: 99
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OTHER INFORMATION: PSP94 family member
                                        TYPE: PRT
ORGANISM: Artificial
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                                    FEATURE:
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Bouzeghrane, Mounia
Daigneault, Luc
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Pred. No. 1.6e-22;
; Mismatches 0;
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SEQ ID NO 91
LENGTH: 60
                                                                                                   SOFTWARE: PatentIn version 3.1 SEQ ID NO 90
                                                                                                                                                                                                                                                                                      Sequence 90, Application US/09977406A
publication No. US20030170220A1
GENERAL INFORMATION:
APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS
FILE REFERENCE: 06508-030-US-03
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                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/977,406A CURRENT FILING DATE: 2001-10-15 PRIOR APPLICATION NUMBER: CA 2,321,256 PRIOR FILING DATE: 2000-10-16 PRIOR APPLICATION NUMBER: CA 2,355,334 PRIOR FILING DATE: 2001-08-20 PRIOR FILING DATE: 2001-08-20
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CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
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                                                                                                                                            NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Hawkins, Robert
TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
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                                                              TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: PCK3145 derivative
OTHER INFORMATION: Polypeptide derived from PCK3145 sequence (polypeptide analog)
                     ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
nes 45; Conserva
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Beliveau, Richard
Ruiz, Marcia
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Daigneault, Luc
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Conservative
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Pred. No. 1.6e-22;
); Mismatches 0;
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US-11-004-270-89
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SOFTWARE: Pac
SEQ ID NO 89
SEQ TH: 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
FILE REPERENCE: BKP-022
CURRENT APPLICATION NUMBER: US/10/948,229
CURRENT FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 91
SOPTWARE: PATENTIN VERSION 3.3
SEQ ID NO 89
LENGTH: 30
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                        Publication No.
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Best Local :
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Publication No.
                                                                                                                                                                                                                                                     APPLICANT:
                                                CURRENT APPLICATION NUMBER: US/11/004,270
CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
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APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
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                                                                                                                                                                     FILE REFERENCE: BKP-020
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TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
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30; Conserva
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Similarity 100.0%; Pred. No. 5.5e-13;
30; Conservative 0; Mismatches 0;
                                  PatentIn version 3.3
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Lamy, Sylvie
Bouzeghrane, Mounia
Daigneault, Luc
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US-10-291-172-612
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Best Local Similarity
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ORGANISM: Artificial
FEATURE:
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ORGANISM: Artificial
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Beliveau, Richard
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; OTHER INFORMATION: PCK3145 derivative US-11-004-270-89
66.7%; Dr.
100.0%; Prr
              Score 194; DB 20;
Pred. No. 5.5e-13;
     Mismatches
                         Length 30;
     0
     Gaps
     0
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Sequence 89, Application US/11004273 Publication No. US20050148514A1
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Bouzeghrane, Mounia
Daigneault, Luc
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FILE REFERENCE: BKP-021
CURRENT APPLICATION NUMBER: US/11/004,273
CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
SOFTWARE: Patentin version 3.3
SEQ ID NO 89
                                                                                  ; OTHER INFORMATION: PCK3145 derivative US-11-004-273-89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Hawkins, Robert TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
Score 194; DB 20; Pred. No. 5.5e-13;
                          Length 30;
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APPLICANT: Hyseq, Inc. US20030228584A1el N. TITLE OF INVENTION: NO. US20030228584A1el N. FILE REFERENCE: 21272-045
CURRENT APPLICATION NUMBER: US/10/291,172
CURRENT FILING DATE: 2000-11-08
PRIOR APPLICATION NUMBER: 09/693,267
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 09/665,363
PRIOR APPLICATION NUMBER: 09/665,363
PRIOR FILING DATE: 2000-09-19
PRIOR APPLICATION NUMBER: 09/616,847
PRIOR FILING DATE: 2000-07-14
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o. US20030228584A1
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; PRIOR APPLICATION NUMBER: 09/596,193; PRIOR FILING DATE: 2000-06-17; PRIOR APPLICATION NUMBER: 09/574,454; PRIOR APPLICATION NUMBER: 09/519,705; PRIOR APPLICATION NUMBER: 09/519,705; PRIOR FILING DATE: 2000-03-07; NUMBER OF SEQ ID NOS: 752; SEQ ID NO 612; LENGTH: 119; TYPE: PRT ORGANISM: Homo Bapiens
RESULT 15
US-09-977-406A-56
; Sequence 56, Application US/09977406A
; Publication No. US20030170220A1
; GENERAL INFORMATION:
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; ORGANISM: Homo sapiens
US-10-221-278-612
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US-10-221-278-612
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PRIOR FILLING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 09/665,363
PRIOR FILLING DATE: 2000-09-19
PRIOR FILLING DATE: 2000-09-14
PRIOR FILLING DATE: 2000-07-14
PRIOR PILLING DATE: 2000-06-17
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PRIOR FILING DATE: 2000-03-07
NUMBER OF SEQ ID NOS: 752
SEQ ID NO 612
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Best Local
                                                                                                                                                                                                                                                                                                              Matches
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Best Local (
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IITLE OF INVENTION: No. US20040034208A1el Nucleic Acids and Polypeptides
FILE REFERENCE: 21272-045
CURRENT APPLICATION NUMBER: US/10/221,278
CURRENT FILING DATE: 2002-09-06
CURRENT FILING DATE: 2002-09-06
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                                                                                                                                                 111 VSEWQTDN 118
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                                                                                                                                                                                                                                                                                                          ch 43.3%; similarity 38.2%; 26; Conservative
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Similarity 38.2%;
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                                                                                                                                                                                                                                                                                                        Score 126; DB 15; Length 119; Pred. No. 1.3e-05; Indels 3;
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Pred. No. 1.3e-05;
3; Mismatches 7;
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PRIOR APPLICATION NUMBER: CA 2,355,334
PRIOR FILING DATE: 2001-08-20
NUMBER OF SEQ ID NOS: 92
SOFTWARE: Patentin version 3.1
SEQ ID NO 56
LENGTH: 62
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 25; Conserve
Search completed: July 27, Job time: 85.9273 secs
                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Polypeptide derived from rHuPSP94 sequence (polypeptide analog) US-09-977-406A-56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILE REFERENCE: 06508-030-US-03
CURRENT APPLICATION NUMBER: US/09/977,406A
CURRENT FILING DATE: 2001-10-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: CA 2,321,256 PRIOR FILING DATE: 2000-10-16
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                                                                                                              EW 32
                                                                              EW 62
                                                                                                                                                      EWOTDNCETCTCYETEISCCTLVSTPVGYDKDNCQRIFKKEDCKYIVVEKKDPKKTCSVS 60
                                                                                                                                                                                                                              40.9%;
ilarity 40.3%;
Conservative
                  2005, 20:06:06
                                                                                                                                                                                                                              Score 119; DB 10;
Pred. No. 3.8e-05;
2; Mismatches 5;
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Title:
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Maximum Match 100%
Listing first 45 summaries
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Match Length DB
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1: /ggn2_6/ptodata/1/iaa/5A_COMB.pep:*

2: /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*

3: /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*

5: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*
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  US-07-899-535A-1
US-09-513-999C-7807
US-09-527-650B-5
US-09-436-063C-5
US-09-949-016-11522
US-09-949-016-11522
US-09-583-110-4534
US-09-583-110-4534
US-09-627-650B-7
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Sequence 1, Appli
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Sequence 12, Appl	Sequence 12, Appl	.4	Sequence 4, Appli	Sequence 4, Appli	Sequence 1, Appli	Sequence 1, Appli	Sequence 11, Appl	11,	Sequence 24, Appl	•	Sequence 19, Appl	•	Sequence 19, Appl				

ALIGNMENTS

Query Match Best Local Similarity Matches 28; Conserv

Conservative

32.3%;

Score 125.5; DB Pred. No. 8e-06; 2; Mismatches

Length Indels

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US-09-513-999C-7807
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SOFTWARE: Patent.pm
SEQ ID NO 7807
                                                                              SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                        Sequence 5, Application US/09627650B Patent No. 6406872
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins. Patent No. 6783961 FILE REFERENCE: 59.US2.REG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                APPLICANT: Jorgensen, Erik
TITLE OF INVENTION: Mematode Neuromuscular Junction GABA Receptors and
TITLE OF INVENTION: Memtode Related Thereto
FILE REFERENCE: 21101.0009U3
CURRENT APPLICATION NUMBER: US/09/627,650B
CURRENT FILING DATE: 2000-07-28
PRIOR APPLICATION NUMBER: 09/436,063
PRIOR APPLICATION NUMBER: 09/436,063
PRIOR FILING DATE: 1999-11-08
PRIOR APPLICATION NUMBER: 60/107,727
PRIOR APPLICATION NUMBER: 60/107,727
PRIOR APPLICATION DATE: 1998-11-09
NUMBER: 09 SEQ ID NOS: 50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/513,999C
CURRENT FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/122,487
PRIOR FILING DATE: 1999-02-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Dumas Milne Edwards, J.B
APPLICANT: Duclert, A.
APPLICANT: Giordano, J.Y.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No.
                                                                                                                                                                                                                                                                                                                           APPLICANT: Bamber, Bruce APPLICANT: Jorgensen, E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PEATURE:
NAME/KEY: SIGNAL
LOCATION: -20..-1
OTHER INFORMATION: score 9
OTHER INFORMATION: seq VVIFATFVTLCNA/SC
              TYPE: PRT ORGANISM: Caenorhabditis elegans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Homo sapiens
                                                         LENGTH: 1917
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5. 6783961
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Similarity 41.8%;
28; Conservative
                                                                                                 PatentIn Ver. 2.1
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Pred. No. 9.5e-06;
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TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and
TITLE OF INVENTION: Methods Related Thereto
FILE REFERENCE: P-1095corrected
CURRENT APPLICATION NUMBER: US/09/436,063C
CURRENT FILING DATE: 1999-11-08
PRIOR APPLICATION NUMBER: 60/107727
PRIOR FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 5
LENGTH: 1917
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-436-063C-5
                                                                                                                                                    ) ORGANISM: Human
US-09-949-016-6910
                                                                                                                                                                                                                                                                                   FILE REFERENCE: CL001307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR FILING DATE: 2000-10-20

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR FILING DATE: 2000-09-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-949-016-6910
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                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 6910
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 6910, Application US/09949016 Patent No. 6812339
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Bamber, Bruce APPLICANT: Jorgensen, E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Caenorhabditis elegans
                                                                                                                                                                                              TYPE: PRT
                                                                                                                                                                                                              LENGTH: 1036
                                                                         y Match 21.8%;
Local Similarity 22.7%;
hes 20; Conservative
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 693
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                                     WQTDNCETCTCYETE--WQTDNCETCTCYETEWQTDN-CETCT-----
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WNIDSCTQCTCHSGRVLCETEVCPPLLCQNPSRTQDSCCPQCTDQPFRPSLSRNNSVPNY 752
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                                                                         Score 84.5; DB Pred. No. 0.68; 9; Mismatches
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Pred. No. 0.85;
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Pred. No.
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RESULT 7
US-07-906-349A-6
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US-09-949-016-11522
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Patent No. 5434064
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GENERAL INFORMATION:
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Best Local
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TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTIO
FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/49,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
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NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ENGTH: 1049
                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/906,349A
                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Browdy and Neimark
STREET: 419 Seventh Street, N.W.
                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Schlessinger, Joseph
APPLICANT: Skolnik, Edward Y.
APPLICANT: Margolis, Benjamin L.
APPLICANT: MARGOLIS, Benjamin L.
TITLE OF INVENTION: A NOVEL EXPRESSION-CLONING
TITLE OF INVENTION: IDENTIFYING TARGET PROTEINS
TITLE OF INVENTION: TARGET PROTEINS
                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
PRIOR APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                              STREET: 419 Sever CITY: Washington
               FILING DATE: 3:
CLASSIFICATION:
                                                                                                                                                                                                                                                 STATE: D.C
                                                                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity
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                   30-JUN-1992
N: 435
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22.7%;
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S FOR EUKARYOTIC TYROSINE KINASES AN
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S-09-10/7-2
Sequence 2972, Applicate.
Patent No. 6800744
Patent No. 6800744
REPLICANT: Lynn A Dougette-Stamm and David Bush
APPLICANT: Lynn A Dougette-Stamm and David Bush
REPLICANT: Lynn A Dougette-Stamm and David Bush
REPLICANTE Bush
REPLICANTE
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CURRENT APPLICATION NUMBER: US/09/583,110
CURRENT FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/107,433
PRIOR FILING DATE: 1998-06-30
PRIOR PPLICATION NUMBER: US 60/085,131
PRIOR FILING DATE: 1998-05-12
PRIOR FILING DATE: 1998-05-12
PRIOR APPLICATION NUMBER: US 60/051,553
PRIOR FILING DATE: 1997-07-02
NUMBER OF SEQ ID NOS: 5322
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; LENGTH: 151
; TYPE: PRT
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TITLE OF INVENTION: Nucleic Acid and Amino Acid Sequences Relating to Streptococcus
TITLE OF INVENTION: Pneumoniae for Diagnostics and Therepurican
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 202-737-3528
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Streptococcus pneumoniae
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: 07/643,:
FILING DATE: 18-JAN-1991
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: 202-628-5197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             587 CTCCTC----
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STATE: Massachusetts
COUNTRY: USA
                                                                 CITY: Waltham
                                                                                                               STREET:
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                                                                                                           100 Beaver Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  20.9%; Score 81; DB 4; Length 151; 28.1%; Pred. No. 0.26;
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Pred. No. 0.75;
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INAME/KEY: misc_feature
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LOCATION: (B) LOCATION 1...153
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SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-09-107-433-2972
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                                                                       ; ORGANISM: homo sapiens
US-09-644-460-37
                                                                                                                                                                                                                           FILE REFERENCE: 34587-C-PCT-USA
CURRENT APPLICATION NUMBER: US/09/644,460
CURRENT FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: PCT/US99/04323
PRIOR FILING DATE: 1999-02-26
PRIOR PPLICATION NUMBER: US 09/197,889
PRIOR FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: US 09/185,115
PRIOR APPLICATION NUMBER: US 09/185,115
PRIOR APPLICATION NUMBER: US 09/032,684
PRIOR APPLICATION NUMBER: US 09/032,684
PRIOR APPLICATION NUMBER: US 09/032,684
PRIOR FILING DATE: 1998-02-27
                                                                                                                                     SEQ ID NO 37
LENGTH: 717
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
Query Match
Best Local Similarity
                                                                                                                                                                                  NUMBER OF SEQ ID NOS: 42
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Reciprocal Subtraction Differential TITLE OF INVENTION: Display
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Fisher, Paul B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 2972:
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APPLICATION NUMBER: 60/ 085131

FILING DATE: May 12, 1998

APPLICATION NUMBER: 60/051553

FILING DATE: July 2, 1997

ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Ariniello, Pamela Deneke REGISTRATION NUMBER: 40,489
REFERENCE/DOCKET NUMBER: GTC-011
TELECOMMUNICATION INFORMATION:
TELEPHONE; (781)893-5007
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 153 amino acids
TYPE: amino acid
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MEDIUM TYPE: CD/ROM ISO9660
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
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  20.9%;
31.9%;
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Pred. No. 0.26;
  Score 81; DB 4;
Pred. No. 1.1;
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                     Length 717;
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FILE REFERENCE: P-1095corrected
CURRENT APPLICATION NUMBER: US/09/436,063C
CURRENT FILING DATE: 1999-11-08
PRIOR APPLICATION NUMBER: 60/107727
PRIOR FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 7
LENGTH: 2508
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                                                                                                                                            ; ORGANISM: Caenorhabditis elegans US-09-436-063C-7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOPTWARE: PatentIn Ver. 2.1
SEQ ID NO 7
LENGTH: 2508
TYPE: PRT
ORGANISM: Caenorhabditis elegans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 7, Applicat Patent No. 6406872 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 7, Application US/09436063C Patent No. 6407210 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                      Matches
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                                                                                                        Query Match
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CURRENT FILING DATE: 2000-07-28
PRIOR APPLICATION NUMBER: 09/436,063
PRIOR FILING DATE: 1999-11-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Bamber, Bruce
APPLICANT: Jorgensen, Erik
TITLE OF INVENTION: Nematode Neuromuscular Junction
TITLE OF INVENTION: Methods Related Thereto
FILE REFERENCE: 21101.0009U3
                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Bamber, Bruce
APPLICANT: Jorgensen, Brik
TITLE OF INVENTION: Nematode Neuromuscular Junction
TITLE OF INVENTION: Methods Related Thereto
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 50
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                                                                                                                                                                                  TYPE: PRT
                                                                                       Local
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                                                                                     Similarity
CTACACTATGAACATCGTCATCCCATCCATCCTGATCGTCACCATATCTTTGGGTATCATT 956
                                CETCTCYETEWQTDNCETC----TCYETEWQTDNCETCTCYETEWQTDNCETCTCYET 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CTACACTATGAACATCGTCATCCCATCCATCCTGATCGTCACCATATCTTGGGTATCATT 956
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Application US/09627650B
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                                                                      Conservative
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                                                                                   20.1%;
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                                                                    Score 78; DB 4
Pred. No. 6.5;
0; Mismatches
                                                                    <u>,</u>
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                                                                                                        4; Length 2508;
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                                                                      Indels
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RESULT 15
US-09-627-650B-9
; Sequence 9, Application US/09627650B
; Patent No. 6406972
; GENERAL INFORMATION:
; APPLICANT: Bamber, Bruce
; APPLICANT: Jorgensen, Erik
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SOFTWARE: PATENTIN Ver. 2.1

; SEQ ID NO 3

; LENGTH; 2544

; TYPE: PRT

ORGANIZM: Caenorhabditis elegans

US-09-436-063C-3
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US-09-436-063C-3
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; ORGANISM: Caenorhabditis elegans
US-09-627-650B-3
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US-09-627-650B-3
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Best Local S
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Patent No. 6406872
                                                                                                                                                                                                                                                                                                                              Query Match 20.1%; Score 78; DB Best Local Similarity 33.3%; Pred. No. 6.6; Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 3, Application US/09436063C Patent No. 6407210 GENERAL INFORMATION:
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LENGTH: 2544
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APPLICANT: Bamber, Bruce
APPLICANT: Jorgensen, E:
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CURRENT FILING DATE: 2000-07-28
PRIOR APPLICATION NUMBER: 09/436,063
PRIOR FILING DATE: 1999-11-08
PRIOR APPLICATION NUMBER: 60/107,727
PRIOR PILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and TITLE OF INVENTION: Methods Related Thereto FILE REFERENCE: P-1095corrected CURRENT APPLICATION NUMBER: US/09/436,063C CURRENT FILING DATE: 1999-11-08 PRIOR APPLICATION NUMBER: 60/107727 PRIOR APPLICATION NUMBER: 60/107727 PRIOR FILING DATE: 1998-11-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Jorgensen, Brik
TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and
TITLE OF INVENTION: Methods Related Thereto
FILE REFERENCE: 21101.0009U3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Bamber, Bruce APPLICANT: Jorgensen, Erik
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Local Similarity 33.3%;
hes 20; Conservative
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PRIOR APPLICATION NUMBER: 09/436,063
PRIOR APPLICATION NUMBER: 09/436,063
PRIOR FILING DATE: 1999-11-08
PRIOR FILING DATE: 1999-11-09
PRIOR FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 50
SOOTWARE: Patentin Ver. 2.1
SEQ ID NO 9
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                                                                                 Matches
                                                                                                                     Query Match
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                                                                                                                                                                          TYPE: PRT ORGANISM: Caenorhabditis elegans
                                                                                                                                                                                                                        LENGTH: 2601
                                                                     Local Similarity 33.3%; es 20; Conservative
  897
                                       7 CETCTCYETEWQTDNCETC-----TCYETEWQTDNCETCTCYETEWQTDNCETCTCYET 60
CTACACTATGAACATCGTCATCCCATCCATCCTGATCGTCACCATATCTTGGGTATCATT 956
                                                                                 0
                                                                                              Score 78; DB 4
Pred. No. 6.7;
                                                                                 Mismatches
                                                                                                                       DB 4; Length 2601;
                                                                                 34;
                                                                                 Indels
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                                                                                 Gaps
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Search completed: July 27, 2005, 19:28:44
Job time: 31.7636 secs

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Result
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Maximum Match 100%
Listing first 45 summaries
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seq length: 2000000000
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Match Length
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US-10-948-229-91

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US-09-977-406A-91

US-10-948-229-99

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US-11-004-273-90

US-10-948-229-89

US-10-948-229-89
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                                                                                                                                                                                                                                                                 Description
Sequence 92.
Sequence 91.
Sequence 91.
Sequence 91.
Sequence 91.
Sequence 90.
Sequence 90.
Sequence 90.
Sequence 89.
Sequence 89.
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-408-765A	-10-221-278-23	-10-291-	US-10-294-025-1003	-10-144-678A-10	-10-205-823	-10-012-896-	-11-004-273-	-11-004-270-	-229-	-10-857-358-	-10-291-360-	US-09-977-406A-2	-11-004-273		-10-948-229-	-10-857-358-	-291	-09-	-11-004	-11-004	-10-948	-977	-11-004-273	-11-004-	-10-948-229	σ	-11-004-273-5	-11-004-270-5	-10-948-229-5	-09-977-406A-	-10-221-278-61	-10-291-172-6	US-11-004-273-89
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## ALIGNMENTS

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RESULT 1
US-09-977-406A-92
US-09-977-406A-92
; Sequence 92, Application US/09977406A
; Publication No. US20030170220A1
; GENERAL INFORMATION:
GENERAL INFORMATION:
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                                                                                                                                                       ; OTHER INFORMATION: Polypeptide derived from PCK3145 sequence (polypeptide analog) US-09-977-406A-92
                                                                                                                                                                                                           SOPTWARE: PatentIn version 3.1
SEQ ID NO 92
LENCTH: 60
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                               Query Match
Best Local
                                                                            Matches
                                                                                                                                                                                                                                                                                                              APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
FILE REFERENCE: 06508-030-US-03
CURRENT APPLICATION NUMBER: US/09/977,406A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: CA 2,321,256
PRIOR FILING DATE: 2000-10-16
PRIOR FILING DATE: CA 2,355,334
PRIOR FILING DATE: 2001-08-20
NUMBER OF SEQ ID NOS: 92
NUMBER OF SEQ ID NOS: 92
                                                                                                                                                                                              FEATURE:
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EWQTDNCETCTCYETEWQTDNCETCTCYETEWQTDNCETCTCYETEWQTDNCETCTCYET
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                                                                          Score 388; DB 1
Pred. No. 7e-31;
Mismatches
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RESULT 2

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                                                                                                                                  ; OTHER INFORMATION: PCK3145 derivative US-11-004-270-91
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                                                                                                                                                                                                                                        PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
SOFTWARE: Patentin version 3.3
SEQ ID NO 91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE REFERENCE: BKP-022
CURRENT APPLICATION NUMBER: US/10/948,229
CURRENT FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 91
SOFTWARE: PATENTIN VERSION 3.3
SEQ ID NO 91
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Publication No.
                                                                           Query Match
Best Local Similarity
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Best Local Similarity
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APPLICANT:
APPLICANT:
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APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
APPLICANT: Ruiz, Marcia
APPLICANT: Garde, Seema
                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/11/004,270 CURRENT FILING DATE: 2004-12-02 PRIOR APPLICATION NUMBER: US 10/948,229 PRIOR FILING DATE: 2004-09-24
                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Lamy, Sylvie
APPLICANT: Bouzeghrane, Mounia
APPLICANT: Daigneault, Luc
APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
FILE REFERENCE: BKP-020
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
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                                                                                                                                                                                    LENGTH: 60
TYPE: PRT
ORGANISM: Artificial
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TYPE: PRT
ORGANISM: Artificial Sequence
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EWOTDNCETCTCYETEWQTDNCETCTCYETEWQTDNCETCTCYETEWQTDNCETCTCYET
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                                                             Conservative
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                                                                         100.0%; Score 388; DB 2
100.0%; Pred. No. 7e-31;
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                                                           Mismatches
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Sequence 91, Application US/09977406A

Publication No. US20030170220A1

GENERAL INFORMATION:
APPLICANT: PROCYON BIOPHARMA INC.

FILLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND MET
FILE REFERENCE: 06508-030-US-03

CURRENT APPLICATION NUMBER: US/09/977,406A

CURRENT APPLICATION NUMBER: CA 2,321,256

PRIOR APPLICATION NUMBER: CA 2,321,256

PRIOR FILING DATE: 2000-10-16
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                                                                                                                                                     NUMBER OF SEQ ID NOS: 92
SOFTWARE: PatentIn version 3.1
SEQ ID NO 91
LEGITH: 45
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                     Query Match
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CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: CA 2,355,334 PRIOR FILING DATE: 2001-08-20
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TITLE OF INVENTION: METHOD AND COMPOSITION
FILE REFERENCE: EKP-021
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                                                                                                  TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
                                                                               OTHER INFORMATION: Polypeptide derived from PCK3145 sequence (polypeptide analog)
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Daigneault, Luc
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100.0%; Pred. No. 7e-31;
htive 0; Mismatches 0;
75.0%; Score 291; DB 10; Length 45; 100.0%; Pred. No. 1.4e-21;
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Best Local Similarity

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US-11-004-270-90
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US-10-948-229-90
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                                                                                                         PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
SOFTWARE: PatentIn version 3.3
SEQ ID NO 90
SEQ ID NO 90
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SEQ ID NO 90
LENGTH: 45
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CURRENT APPLICATION NUMBER: US/10/948,229
CURRENT FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 91
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APPLICANT: Daigneault, Luc
APPLICANT: Hawkins, Robert
APPLICANT: Ruiz, Marcia
APPLICANT: Garde, Seema
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CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
                                                                                                                                                                                                                                                                                   APPLICANT: Hawkins, Robert
TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
FILE REFERENCE: BKP-020
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
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FEATURE:
OTHER INFORMATION: PCK3145 derivative
                                               ORGANISM: Artificial
                                                                           TYPE: PRT
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Beliveau, Richard
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Bouzeghrane, Mounia
Daigneault, Luc
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100.0%; Pred. No.
ive 0; Mismatches
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Pred. No. 1.4e-21;
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LENGTH: 45
TYPE: PRT
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                                                                                                  SOFTWARE: Pa
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Best Local Similarity
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Best Local
                                                                                                                                                          APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PHARMACUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
FILE REFERENCE: 06508-030-US-03
CURRENT APPLICATION NUMBER: US/09/977,406A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: CA 2,321,256
PRIOR APPLICATION NUMBER: CA 2,321,256
PRIOR PILING DATE: 2000-10-16
PRIOR PILING DATE: 2000-10-16
PRIOR PILING DATE: 2001-08-20
PRIOR FILING DATE: 2001-08-20
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CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
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                                                                                                                                             NUMBER OF SEQ ID NOS:
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TITLE OF INVENTION: METHOD AND COMPOSITION FOR TREATMENT OF ANGIOGENESIS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PPLICANT:
                     ORGANISM: Artificial Sequence FEATURE:
                                                                TYPE: PRT
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OTHER INFORMATION: Polypeptide derived from PCK3145 sequence (polypeptide analog
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                                                                                   LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION:
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                                                                                                                       PatentIn version 3.1
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Bouzeghrane, Mounia
Daigneault, Luc
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100.0%;
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US-11-004-270-89
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/948,229
CURRENT FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR FILING DATE: 2003-99-26
NUMBER OF SEQ ID NOS: 91
SOPTWARE: PatentIn version 3.3
SEQ ID NO 89
SOFTWARE: Pa
SEQ ID NO 89
LENGTH: 30
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Publication No.
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Publication No.
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Best Local
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                             APPLICANT: Hawkins, Robert
TITLE OF INVENTION: REGULATION OF CELL MIGRATION AND ADHESION
FILE REFERENCE: BKP-020
CURRENT APPLICATION NUMBER: US/11/004,270
CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR PILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
SOFTWARE: Patentin version 3.3
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APPLICANT:
APPLICANT:
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APPLICANT: Garde, Seema
TITLE OF INVENTION: REGULATION OF MATRIX METALLOPROTEINASES BY PSP94 FAMILY MEMBERS
FILE REFERENCE: BKP-022
                                                                                                                                                                                                                                                                                                                                     APPLICANT:
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APPLICANT: Daigneau
APPLICANT: Hawkins,
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TYPE: PRY
ORGANISM: Artificial Sequence
FEATURE:
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30; Conserva
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Lamy, Sylvie
Bouzeghrane, Mounia
Daigneault, Luc
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Daigneault, Luc
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RESULT 13
US-10-291-172-612
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APPLICANT: Bouzeghrane, Mounia
APPLICANT: Hawkins, Robert
TITLE OF INVENTION: METHOD AND COMPOSITION FOI
FILE REFERENCE: BKP-021
CURRENT APPLICATION NUMBER: US/11/004,273
CURRENT FILING DATE: 2004-12-02
PRIOR APPLICATION NUMBER: US 10/948,229
PRIOR FILING DATE: 2004-09-24
PRIOR PILING DATE: 2004-09-24
PRIOR APPLICATION NUMBER: CA 2,441,695
PRIOR PILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 99
SOFTWARE: Patentin version 3.3
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US-11-004-273-89
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APPLICANT: Panchal, Chandra J.
APPLICANT: Wu, Jinzi
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Best Local Similarity
APPLICANT: Hyseq, Inc.
TITLE OF INVENTION: No. US20030228584A1el Nucleic Acids and Polypeptides
FILE REFERENCE: 21272-045
CURRENT APPLICATION NUMBER: US/10/291,172
CURRENT FILING DATE: 2000-11-08
PRIOR APPLICATION NUMBER: 09/693,267
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 09/665,363
PRIOR APPLICATION NUMBER: 09/665,363
PRIOR FILING DATE: 2000-09-19
PRIOR FILING DATE: 2000-07-14
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ORGANISM: Artificial
FEATURE:
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ORGANISM: Artificial
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
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Beliveau, Richard
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100.0%; Pr/
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Pred. No. 2.7e-12;
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Pred. No. 2.7e-12;
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; PRIOR APPLICATION NUMBER: 09/596,193
; PRIOR FILING DATE: 2000-06-17
; PRIOR APPLICATION NUMBER: 09/574,454
; PRIOR APPLICATION NUMBER: 09/519,705
; PRIOR APPLICATION NUMBER: 09/519,705
; PRIOR APPLICATION NUMBER: 09/519,705
; PRIOR FILING DATE: 2000-03-07
; NUMBER OF SEQ ID NOS: 752
; SEQ ID NO 612
; LENGTH: 119
; TYPE: PRT
; ORGANISN: Homo Bapiens
US-10-291-172-612
                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 09/574,454
PRIOR PILING DATE: 2000-05-19
PRIOR APPLICATION NUMBER: 09/519,705
PRIOR FILING DATE: 2000-03-07
NUMBER OF SEQ ID NOS: 752
SEQ ID NO 612
LENGTH: 119
TYPE: PRT
ORGANISM: Homo sapiens
US-10-221-278-612
RESULT 15
US-09-977-406A-56
; Sequence 56, Application US/09977406A
; Publication No. US20030170220A1
; GENERAL INFORMATION:
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US-10-221-278-612
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Best Local S
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PRIOR APPLICATION NUMBER: 09/665,363
PRIOR FILING DATE: 2000-09-19
PRIOR APPLICATION NUMBER: 09/616,847
PRIOR FILING DATE: 2000-07-14
PRIOR APPLICATION NUMBER: 09/596,193
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CURRENT FILING DATE: 2002-09-06
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TITLE OF INVENTION: No. US20040034208A1el Nucleic Acids and Polypeptides
FILE REFERENCE: 21272-045
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                                                                                                                                                                                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 56
LENGTH: 62
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                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION NUMBER: CA 2,355,334
PRIOR FILING DATE: 2001-08-20
NUMBER OF SEQ ID NOS: 92
SOPTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: PROCYON BIOPHARMA INC.
TITLE OF INVENTION: PHARMACEUTICAL PREPARATIONS AND METHODS FOR INHIBITING TUMORS
FILE REFERENCE: 05508-030-US-03
CURRENT APPLICATION NUMBER: US/09/977,406A
CURRENT FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: CA 2,321,256
PRIOR FILING DATE: 2000-10-16
PRIOR FILING DATE: 2000-10-16
                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
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              2005,
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Pred. No. 2.2e-05;
2; Mismatches 12
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